MANUAL DE SERVIÇO

DVD VIDEO PLAYER

SD 7080VK

ESPECIFICAÇÕES TÉCNICAS

GERAIS

Alimentação ..... 110 ~ 240V, 50~60Hz
Consumo:
Standby ..... ≤ 1W(CKD); ≤ 3,8W (CBU)/9W (médio)
Dimensões aprox. (LxAxP) 430x48x275
Peso aprox. 2,45kg
Temperatura de operação ..... 5°C a 40°C

SISTEMA

Laser ..... semicondutor, comprimento de onda 650nm
Sistema de sinal de cor ..... PAL-M/NTSC/PAL-N
Resposta de freqüência
- DVD (PCM 48kHz); 20Hz a 20kHz
- CD: 20Hz a 20kHz

Relação sinal-ruído ..... Mais que 95 dB
Distorção harmônica ..... Menos que - 60dB
Faixa dinâmica ..... Mais que 80dB (DVD/CD)

SAÍDAS

Saída de Vídeo ..... 1 Vp-p 75ohm,sinc. negativo, conector RCA x 1
Saída S-Video
- (Y) 1.0V (p-p), 75ohm, sinc.negativo;
- (C) 0,286V (p-p), 75ohm, 1 tomada Mini-DIN de 4 pinos

Saída de Vídeo Componente
- (Y) 1.0V (p-p), 75ohm, sinc.negativo, conector RCAx1;
- (Pb) / (Pr) 0,7 V (p-p), 75 ohm, conector RCA x 2

Saída de Áudio ..... 2.0 Vrms (1 KHz, 0 dB), 600 ohm, conector RCA (L,R)x1
Saída de Áudio Digital (coaxial) ..... 0.5 Vp-p, conector RCAx1
Saída de Áudio Digital (óptica) ..... 1 conector óptico

ENTRADA

MIC (Microfone) ..... Ø6,35mm, 10mV, 600 ohm

- **Projeto e especificações estão sujeitos a alterações sem aviso prévio.**
- **Aviso: a cópia não autorizada de materiais áudio visuais para uso doméstico pode infringir os direitos de terceiros.**

SEMP

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NOTA IMPORTANTE:

Este Manual destina-se a servir como referência ao modelo SD 7080VK, em duas versões de fabricação distintas, cujas placas montadas NÃO SÃO INTERCAMBIÁVEIS ENTRE SI, bem como ocorre com alguns cabos de ligação e até mesmo componentes eletrônicos. As duas versões são:

- CBU: Produto importado pela Semp Toshiba Bahia S.A., fabricado na China.

- CKD: produto fabricado pela Semp Toshiba Amazonas S.A.

Ao longo de todo o conteúdo deste Manual, as devidas diferenças estarão identificadas através dos termos "CBU" e "CKD". A fim de facilitar a identificação dos dois tipos de produtos, segue a foto dos respectivos painéis traseiros de ambos.

CKD

CBU

CUIDADO ! COMPONENTES SENSÍVEIS A DESCARGAS ELETROSTÁTICAS

Alguns semicondutores (estado sólido) podem ser facilmente danificados pela eletricidade estática. Tais componentes são comumente chamados de "componentes sensíveis eletrostaticamente" *(Electrostatically Sensitive Devices - ESD)*. Exemplos típicos de *ESD's* são os circuitos integrados, transistores de efeito de campo e *chips* semicondutores. As técnicas a seguir devem ser utilizadas para ajudar a reduzir a incidência de danos aos componentes causados por eletricidade estática.

1. Mantenha o componente em sua embalagem original até o momento de sua utilização. Se necessário armazená-lo de outro modo, acondicione-o exclusivamente em material anti-estático.
2. Prepare uma estação de trabalho anti-estática para manuseio da PCI montada e/ou componente *ESD*:
   - 2.1. Disponha de uma manta dissipativa sobre a bancada/mesa de trabalho.
   - 2.2. Providencie uma pulseira para descarga de eletricidade estática disponível no comércio. Efetue diariamente a aferição da pulseira.
   - 2.3. Aterre ambos, manta e pulseira, a uma malha reconhecidamente aterrada.
   - 2.4. Disponha todo o material necessário ao trabalho sobre a manta; minimize os movimentos. No momento em que for manusear a PCI/componente, coloque a pulseira.

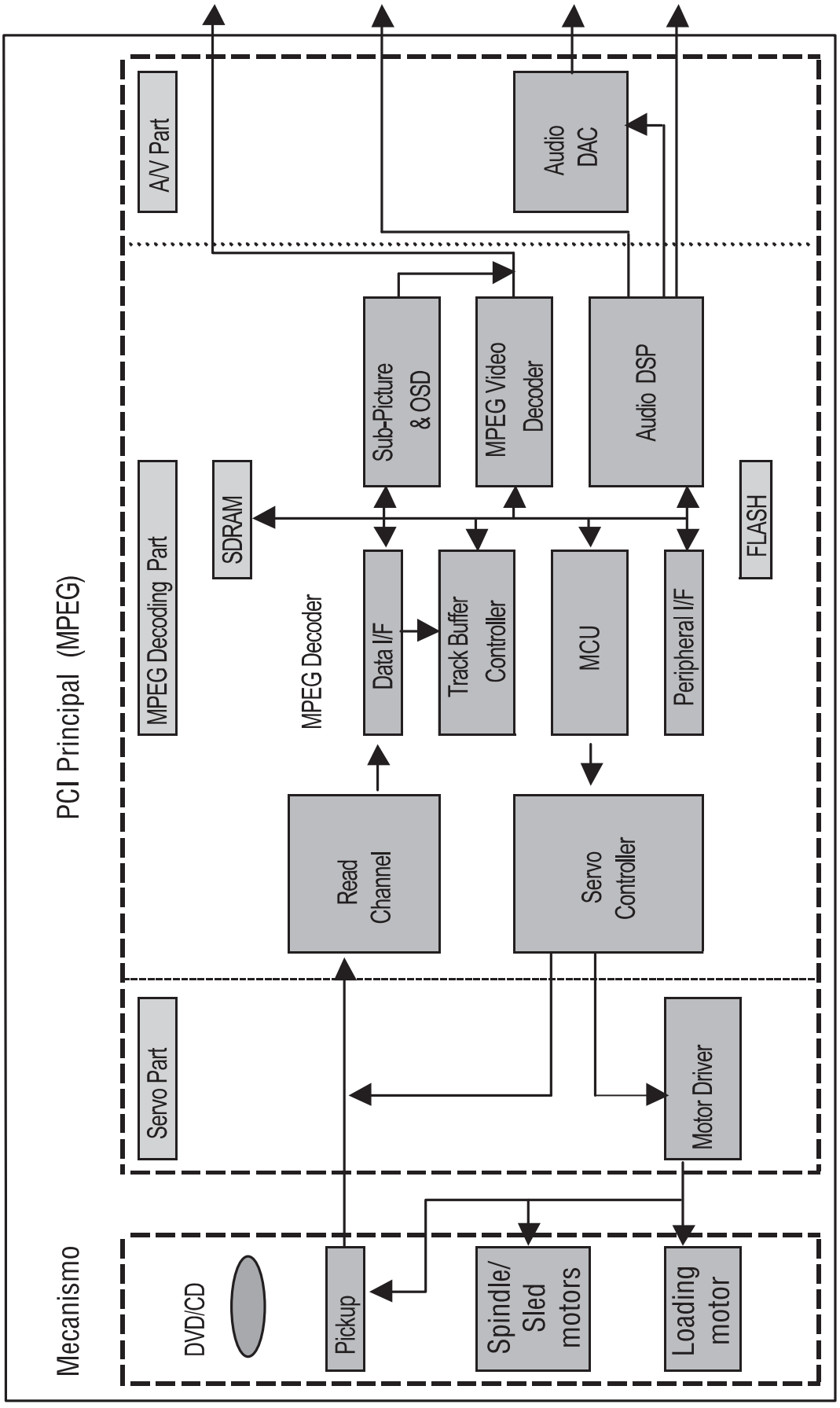
IMPORTANTE !

Assegure-se de que não haja qualquer potencial que seja aplicado ao chassi ou circuito bem como retire a pulseira antes de energizar a unidade sob teste/reparo a fim de evitar riscos de choque elétrico.

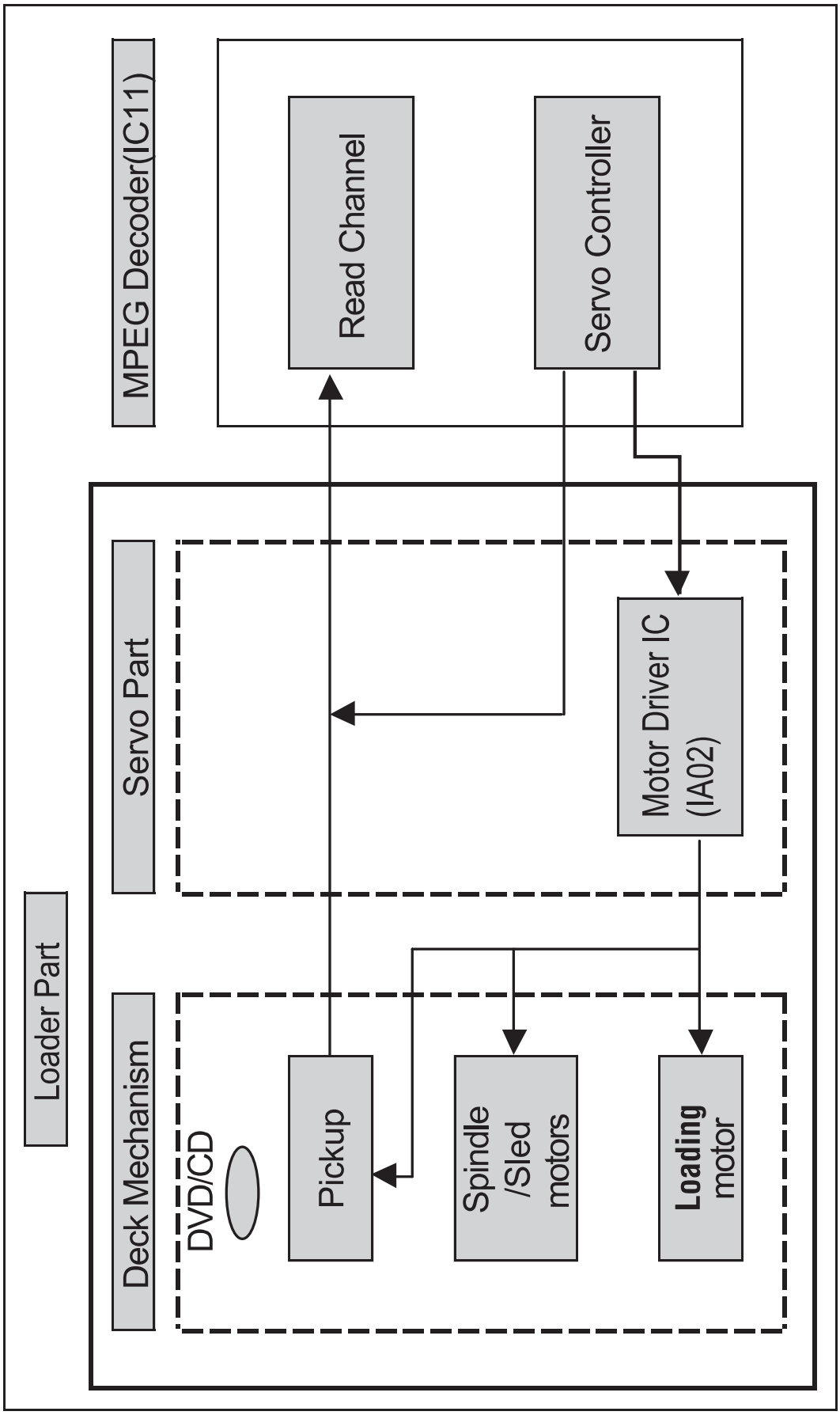
3. Use somente ferros-de-soldar com a ponta aterrada para soldar ou retirar componentes sensíveis à eletrostática.
4. Não utilize produtos químicos cujo propelente usado seja freon. Eles podem gerar cargas elétricas suficientes para danificar componentes *ESD*.

1- DIAGRAMAS DE BLOCOS

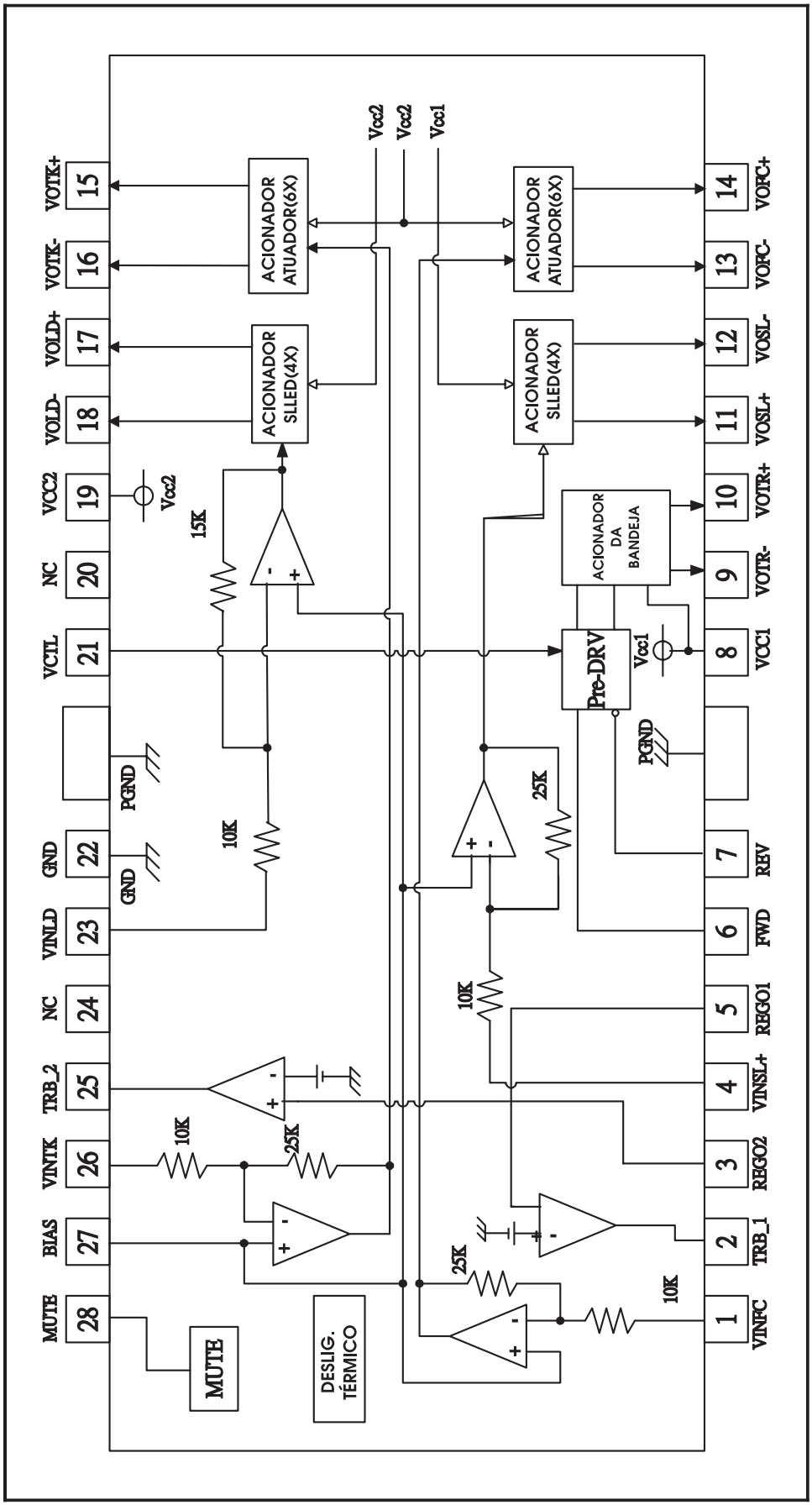
1.1- Diagrama de Blocos - Módulo DVD



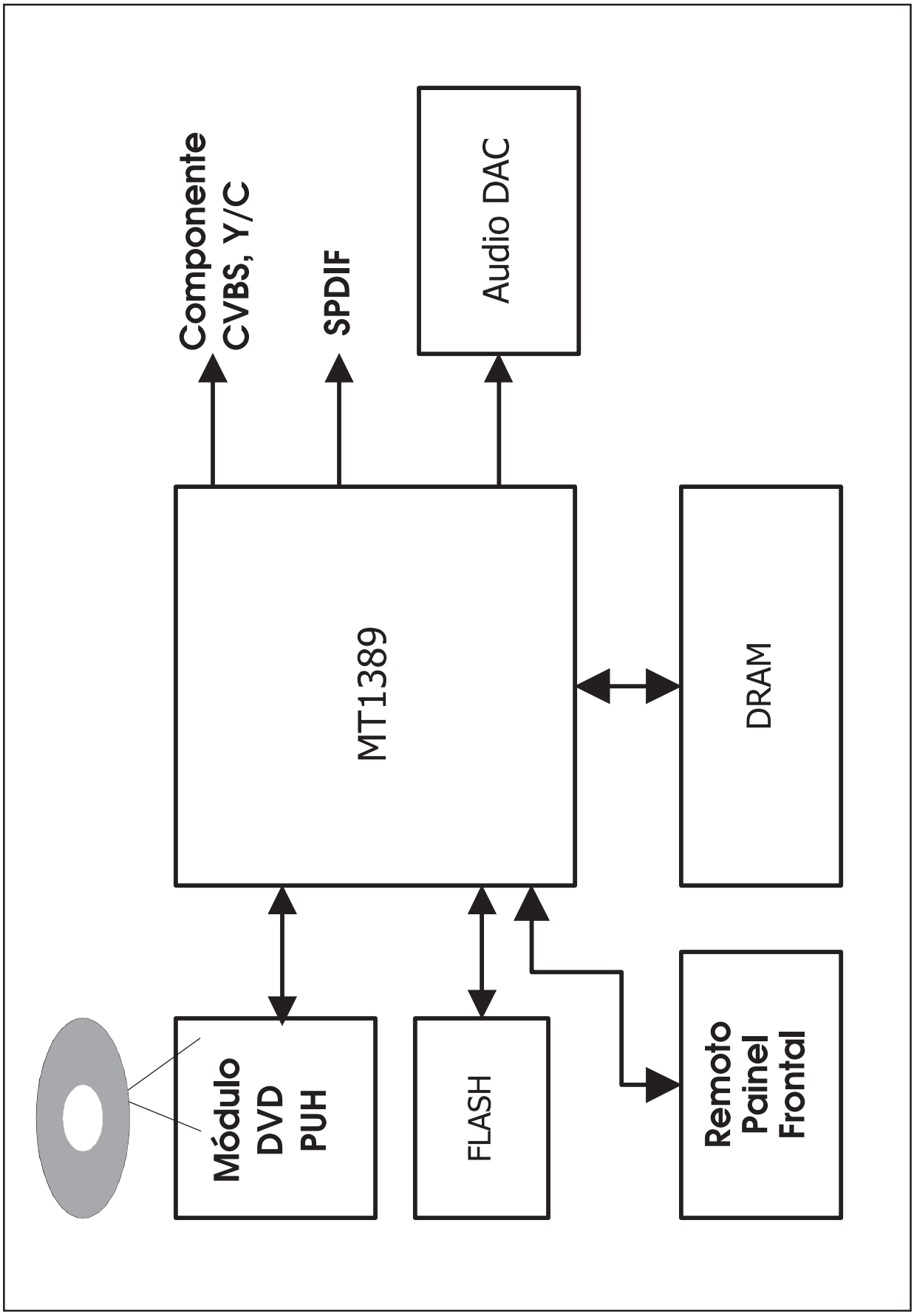
1.2- Diagrama de Blocos - Servo - Mecanismo



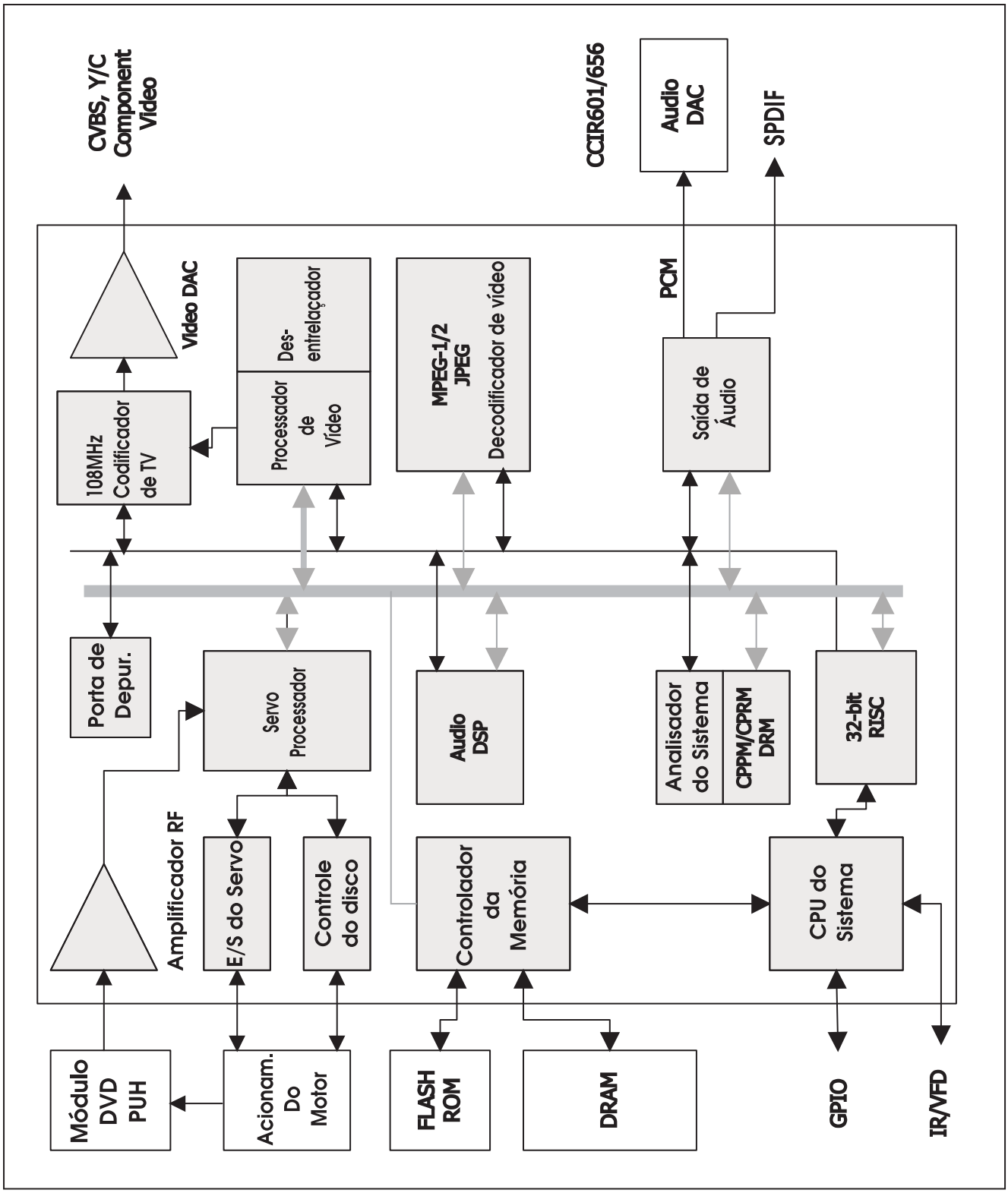
1.3- Diagrama de Blocos - CI Acionador dos Motores (AM5888S)



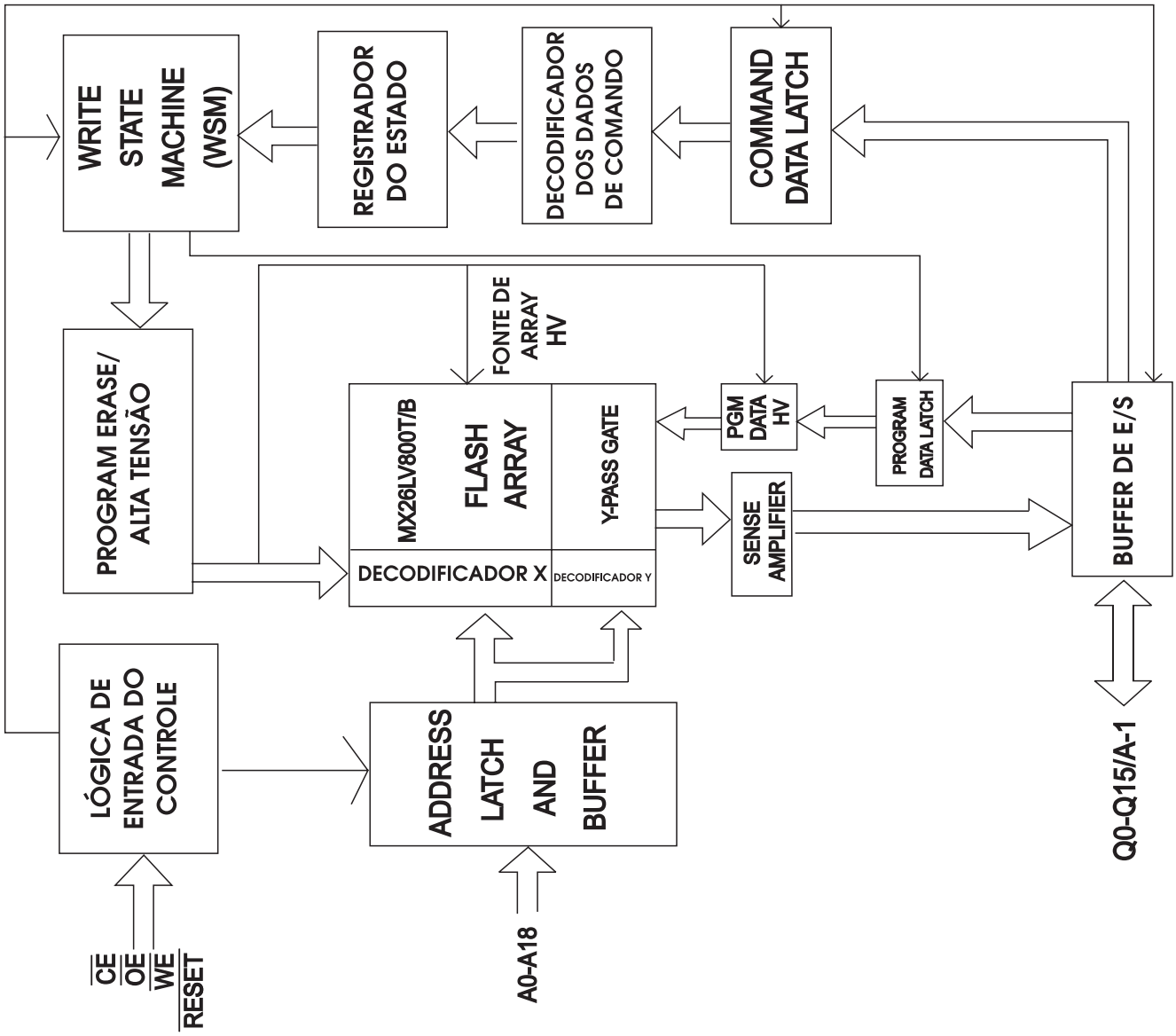
1.4- Diagrama de blocos - Sistema Reprodutor DVD



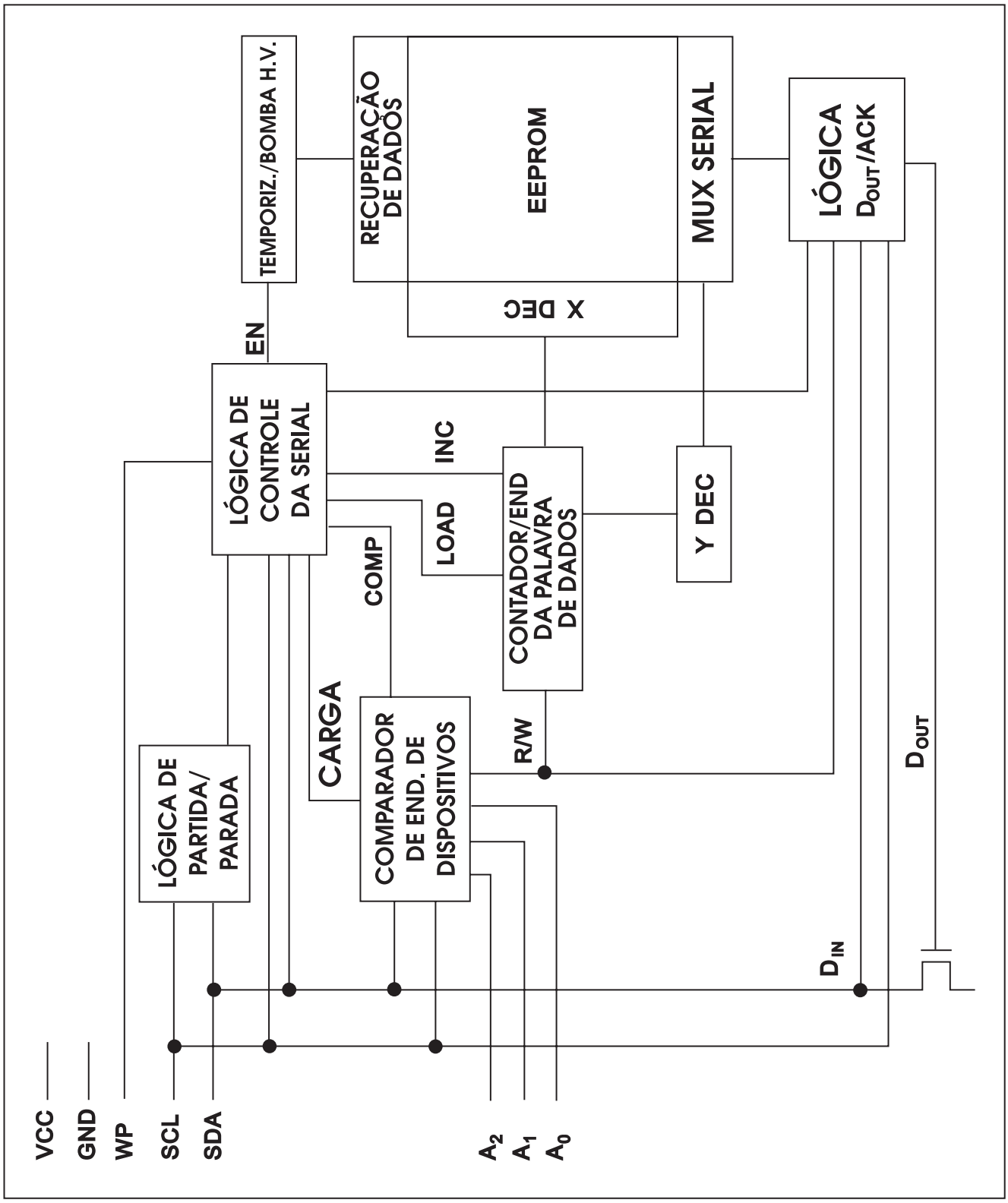
1.5- Diagrama de blocos - Processador MPEG



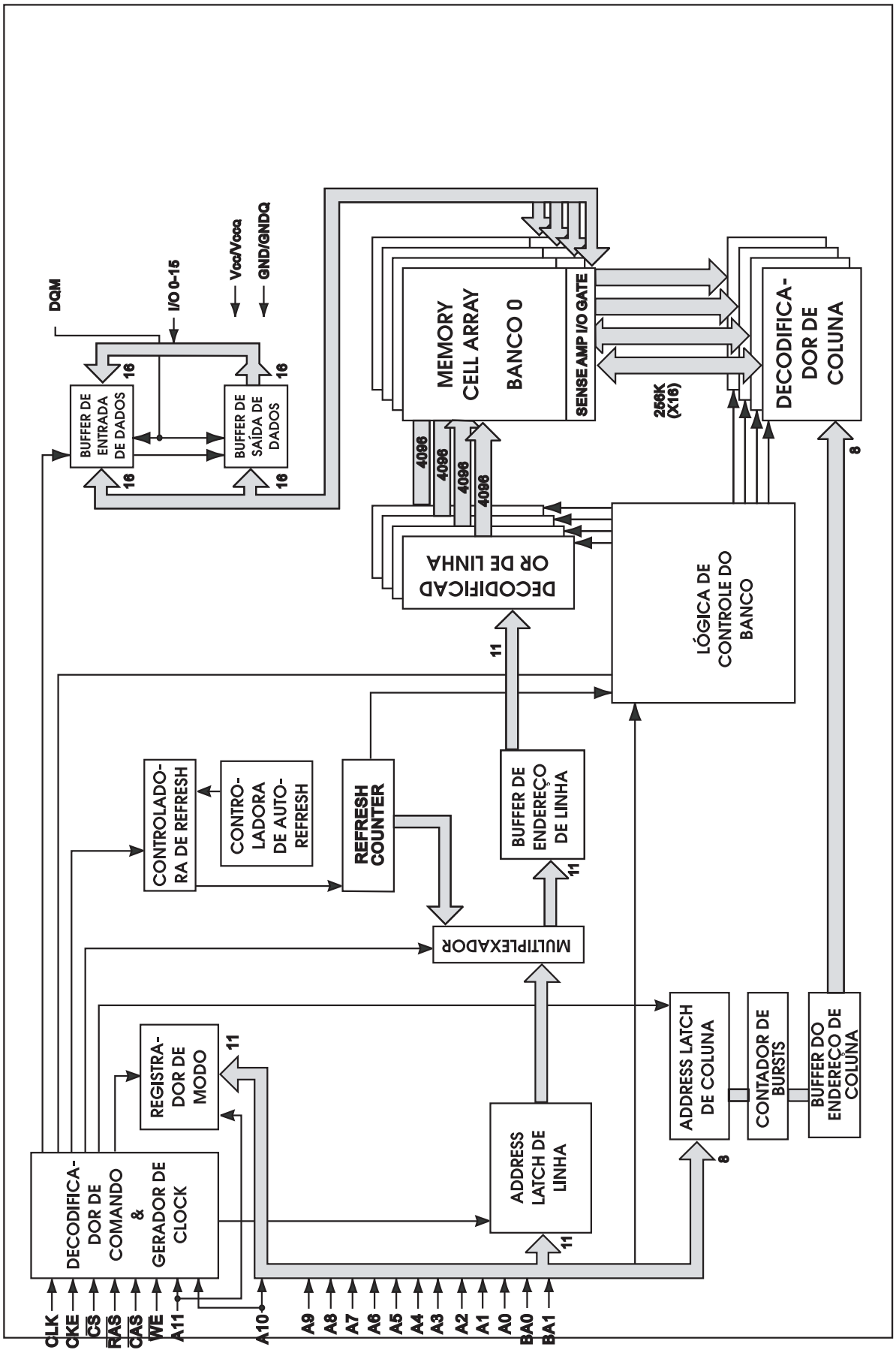
1.6- Diagrama de blocos - Memória Flash MX26LV800T/B



1.7- Diagrama de blocos - EEPROM AT24C16A

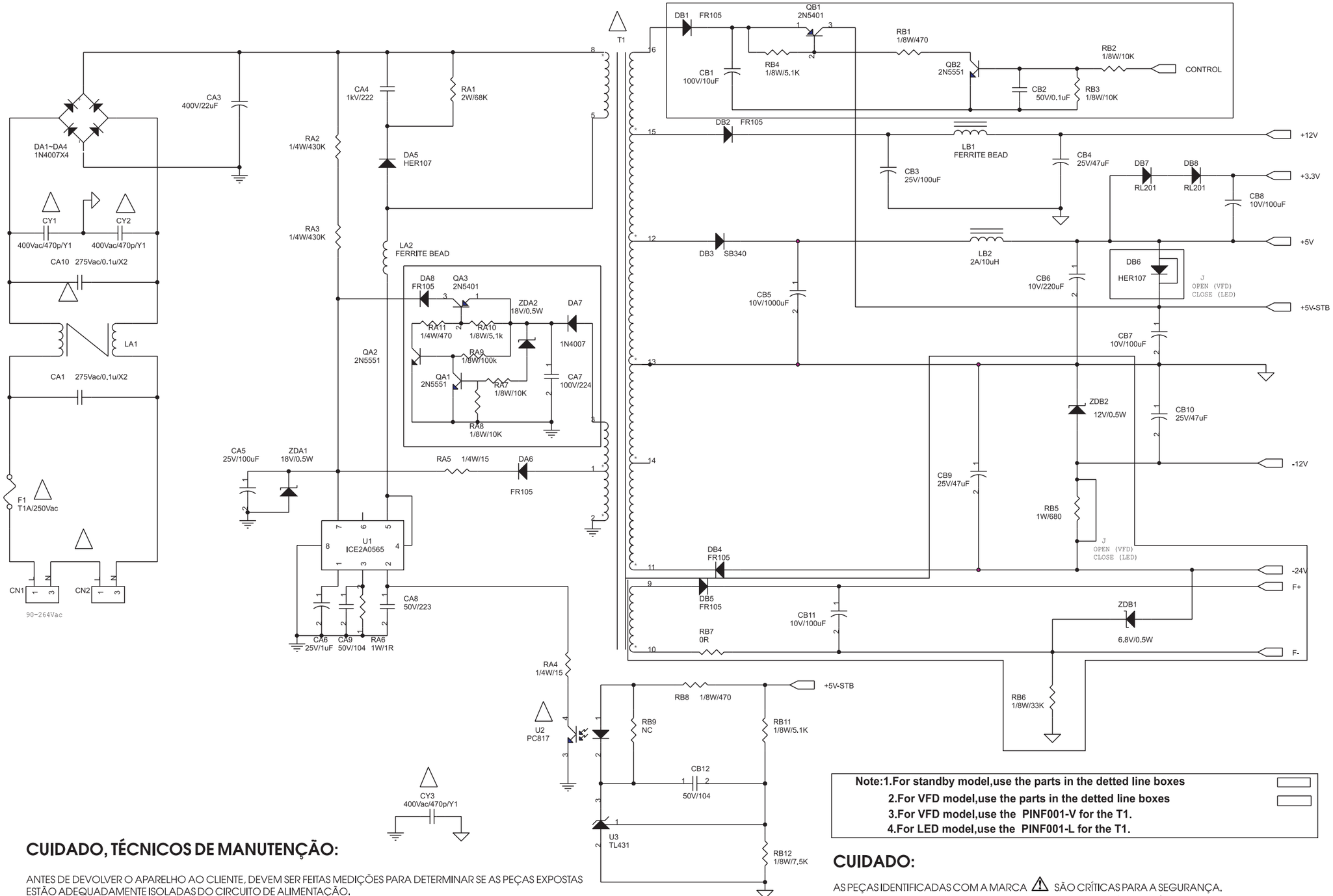


1.8- Diagrama de blocos - SDRAM M1 2L16161A-7T



3- ESQUEMAS ELÉTRICOS

3.1- Esquema Elétrico - Fonte de Alimentação (CBU)



Note:1.For standby model,use the parts in the detted line boxes
2.For VFD model,use the parts in the detted line boxes
3.For VFD model,use the PINF001-V for the T1.
4.For LED model,use the PINF001-L for the T1.

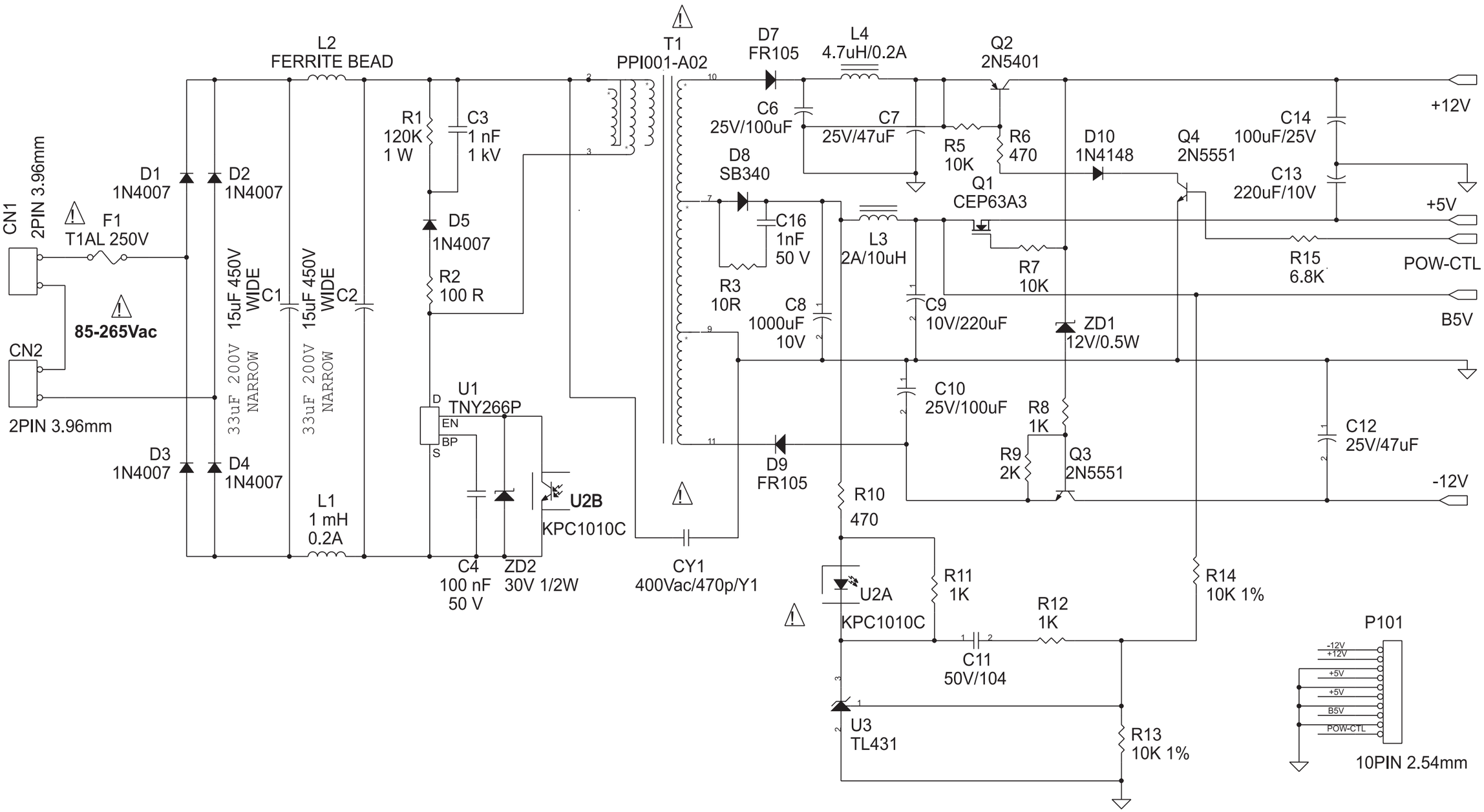
CUIDADO, TÉCNICOS DE MANUTENÇÃO:

ANTES DE DEVOLVER O APARELHO AO CLIENTE, DEVEM SER FEITAS MEDIÇÕES PARA DETERMINAR SE AS PEÇAS EXPOSTAS ESTÃO ADEQUADAMENTE ISOLADAS DO CIRCUITO DE ALIMENTAÇÃO.

CUIDADO:

AS PEÇAS IDENTIFICADAS COM A MARCA ⚠ SÃO CRÍTICAS PARA A SEGURANÇA.
AS SUBSTITUIÇÕES DEVEM SER FEITAS APENAS COM PEÇAS IDÊNTICAS ÀQUELAS DO CIRCUITO ORIGINAL OU ESPECIFICADAS NA "LISTA DE PEÇAS". NÃO PREJUDIQUE A SEGURANÇA DO APARELHO COM MANUTENÇÕES INADEQUADAS.

3.2- Esquema Elétrico - Fonte de Alimentação (CKD)



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3.3- Esquema Elétrico - PCI Principal (MPEG) - Alimentação (CBU)

1- ÍNDICE & ALIMENTAÇÃO, RESET

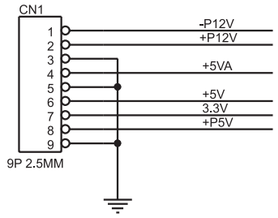
2- RF / SERVO / MPEG / MT 1389D

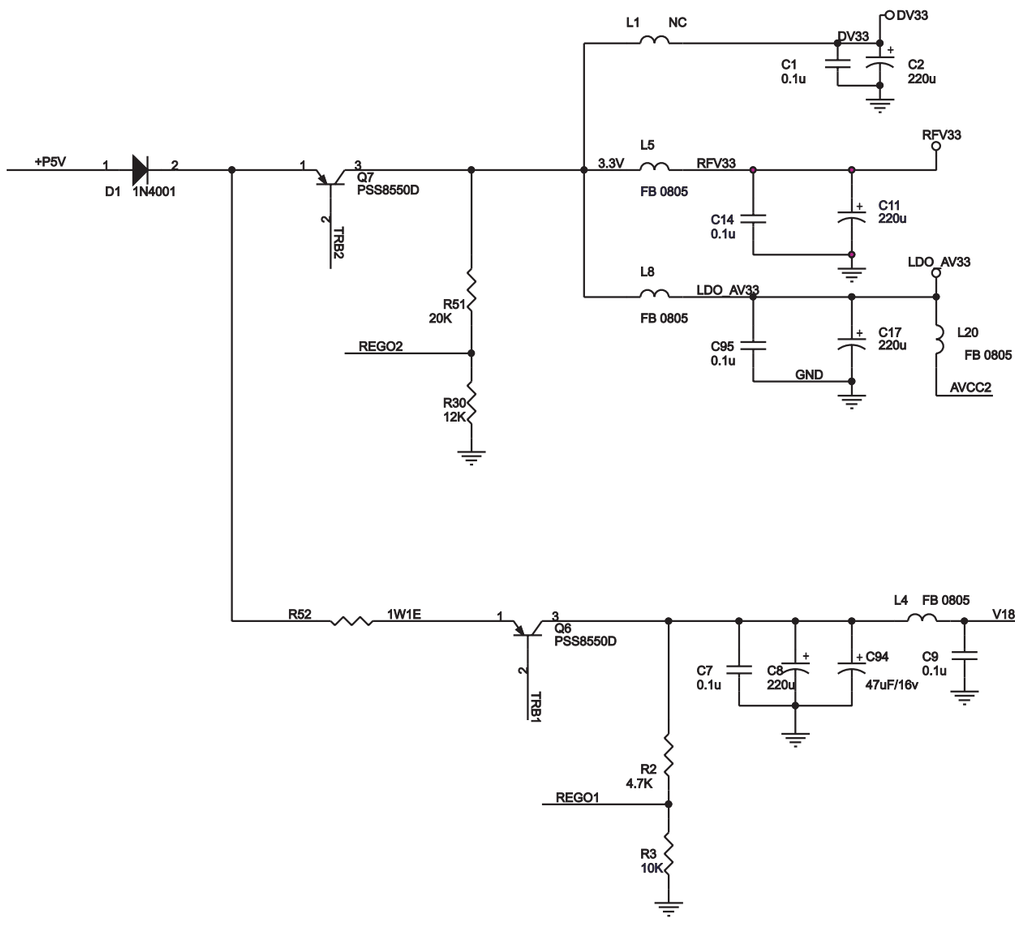
3- MEMÓRIA / SDRAM / FLASH / EEPROM

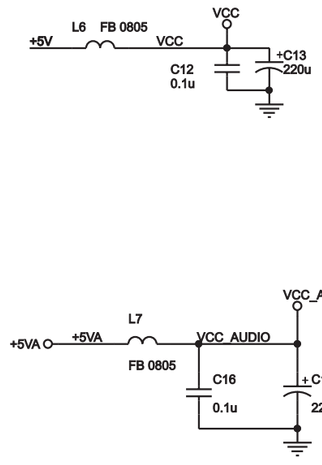
4- FILTRO DE VÍDEO

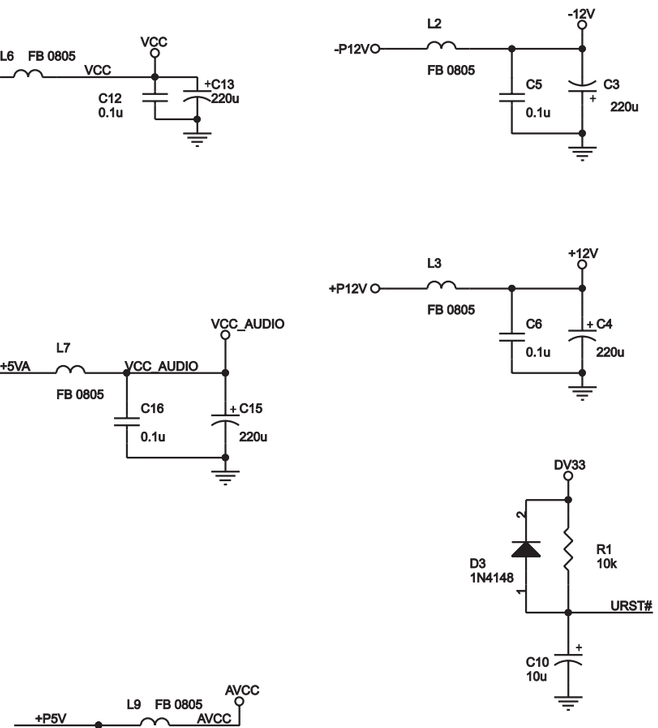
5- AUDIO - CS4360, CS4340,FILTRO DE ÁUDIO

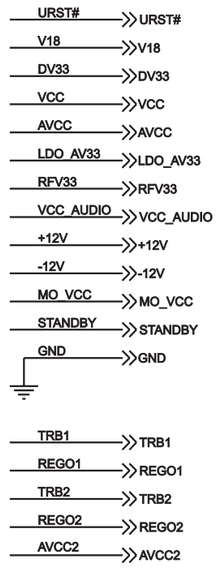
NAME	TYPE	DEVICE
VCC	Digital 5V	SUPPLY
DV33	Digital 3.3V	MT1389E
RFV33	Servo 3.3V	MT1389E
LDO_AV33	Laser Diode 3.3V	
AVCC	RF 5V	PICKUP HEADER
V18	Digital 1.8V	MT1389E
SD33	Digital 3.3V	SDRAM
+12V	Audio +12V	OP AMP.
-12V	Audio -12V	OP AMP.
AVDD	Audio 5V	Audio DAC
DVDD	Audio 5V	Audio DAC



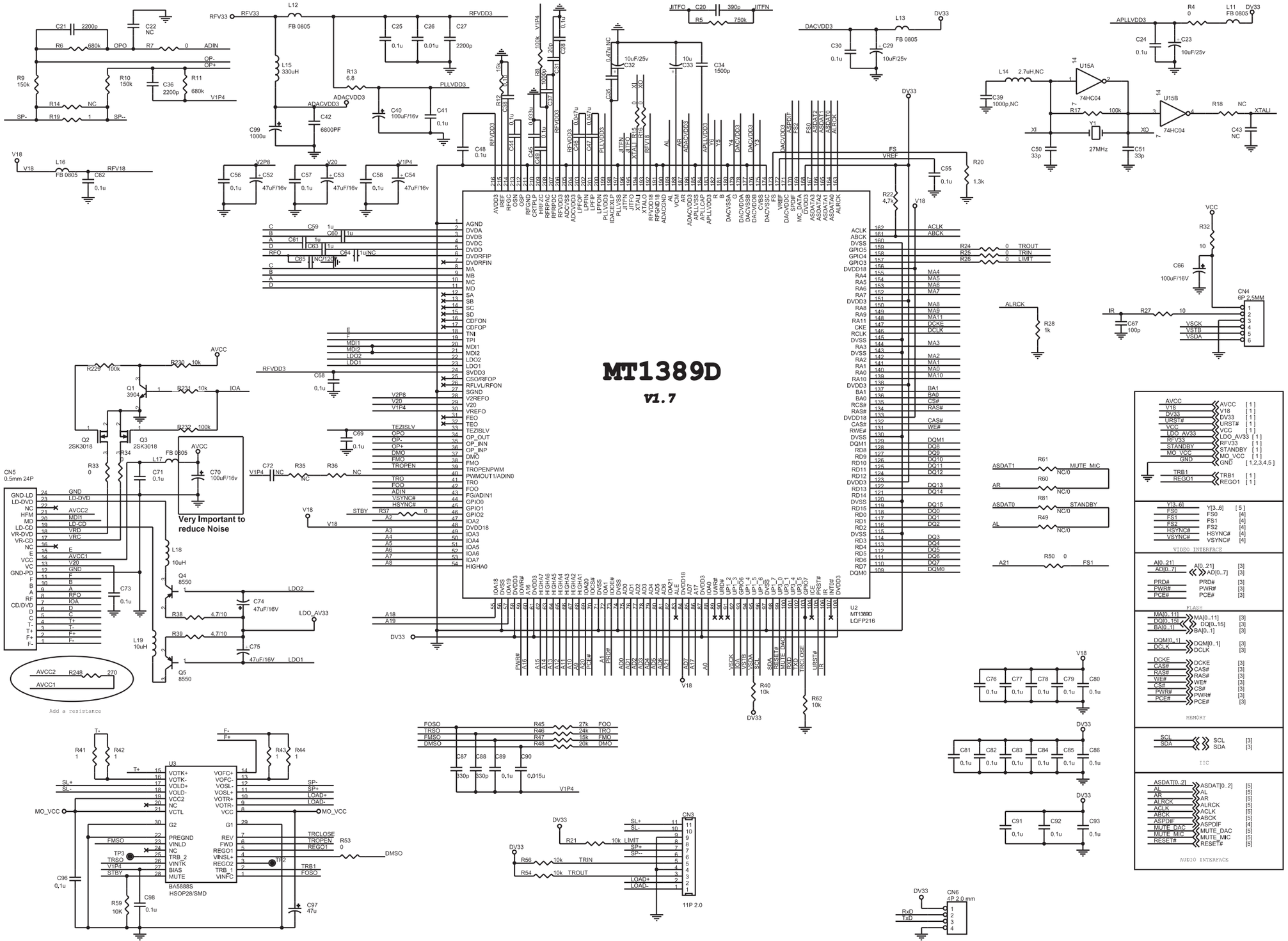




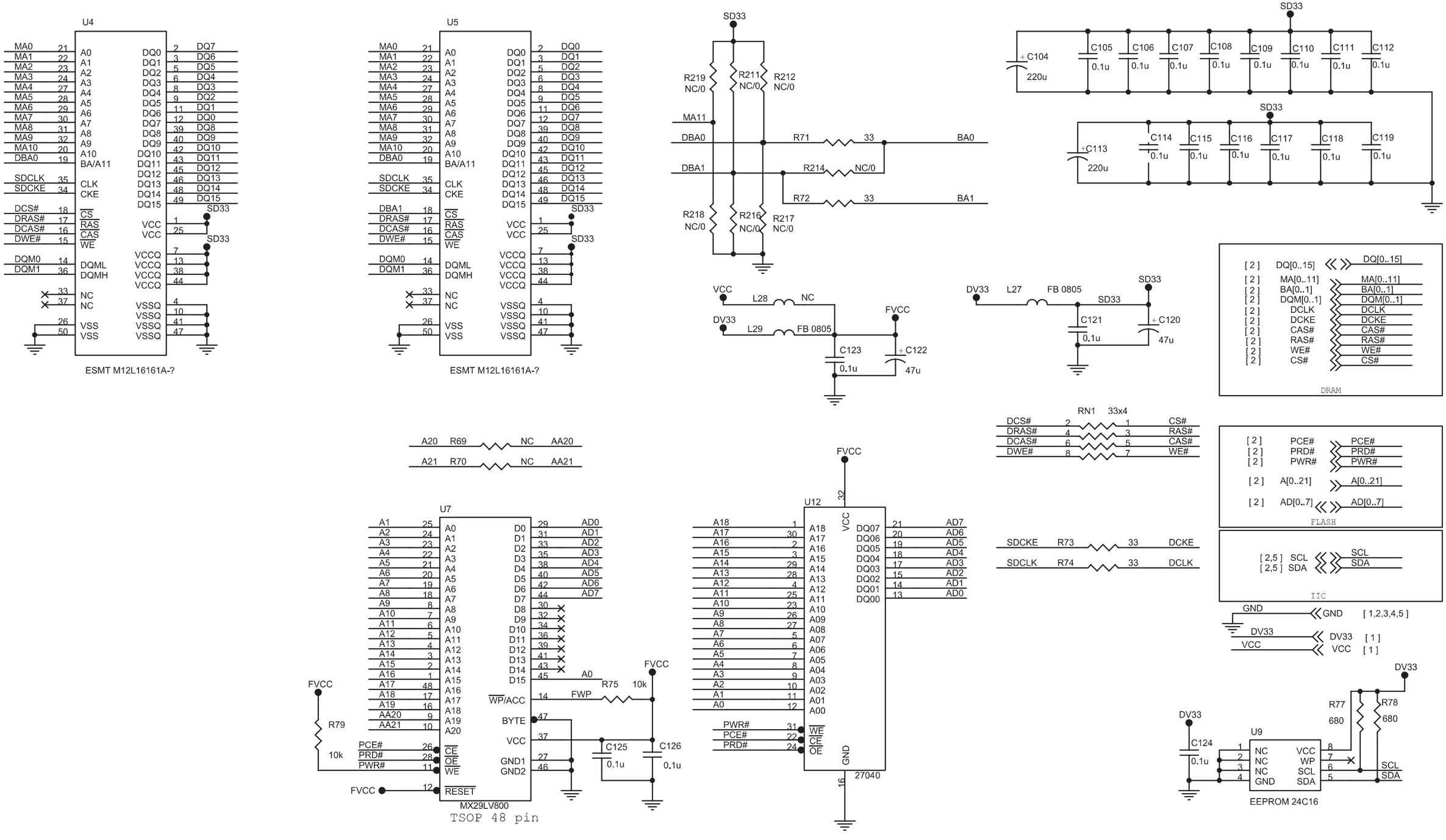




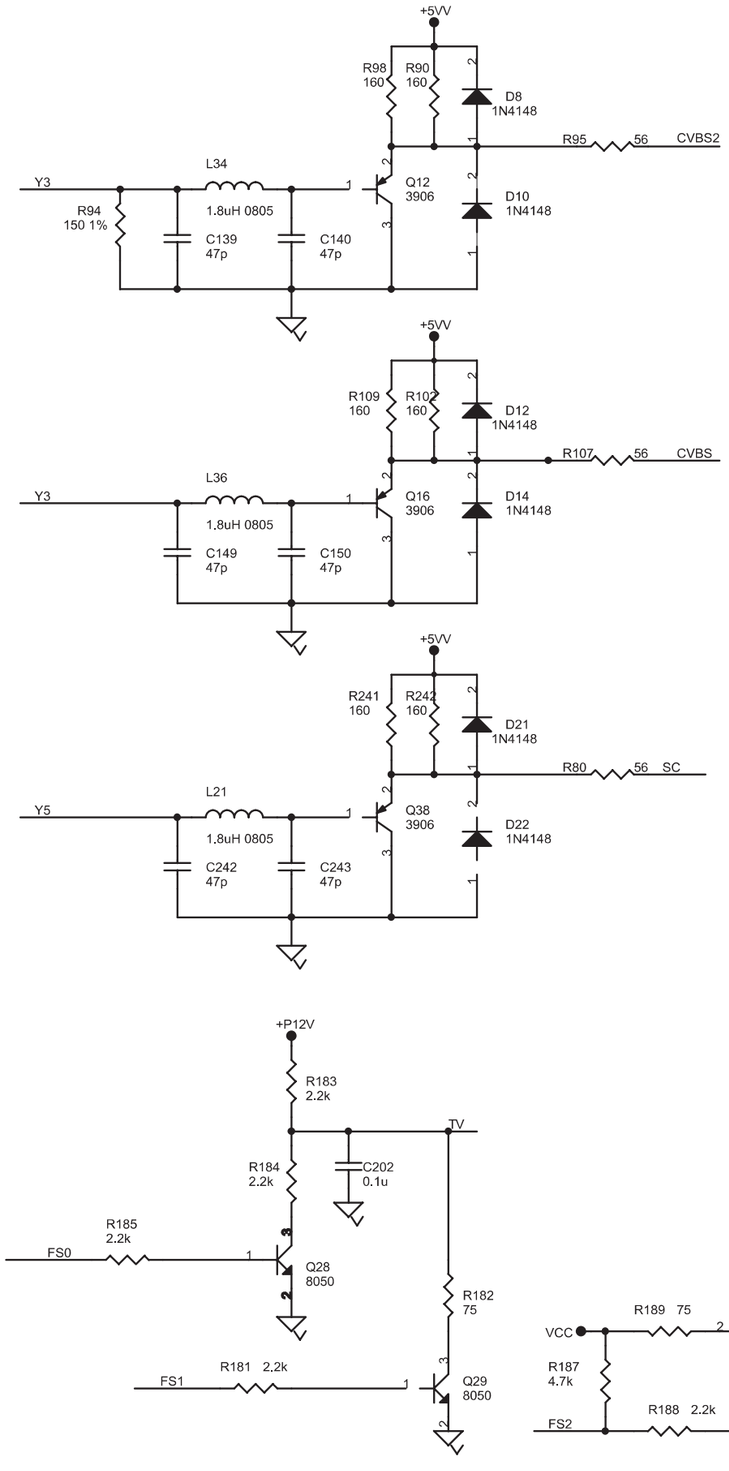
3.4- Esquema Elétrico - PCI Principal - Circuito RF & MPEG (CBU)



3.5- Esquema Elétrico - PCI Principal - Memórias SDRAM / FLASH / EEPROM (CBU)

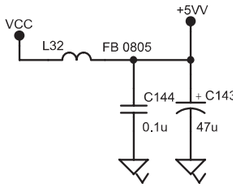


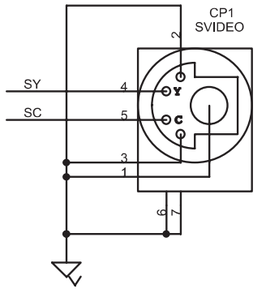
3.6- Esquema Elétrico - PCI Principal - Saídas de Vídeo (CBU)

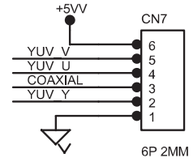


VCC <<VCC [1]
Y[3..6] <<Y[3..6] [2]
RESET# <<RESET# [2,5]
FS0 <<FS0 [2]
FS1 <<FS1 [2]
FS2 <<FS2 [2]
COAXIAL <<COAXIAL [5]
GND <<GND [1]

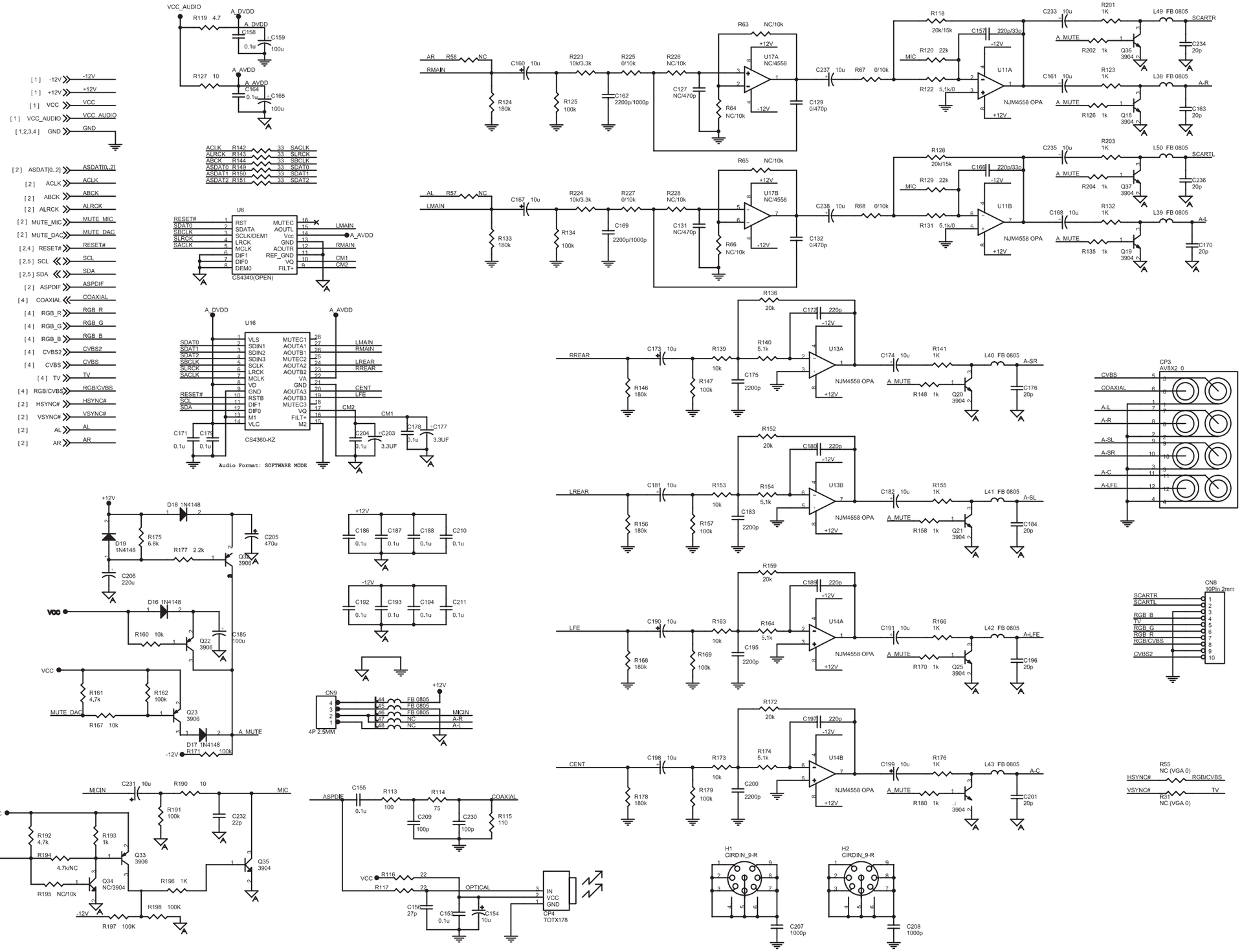
RGB_G <<RGB_G [5]
RGB_B <<RGB_B [5]
RGB_R <<RGB_R [5]
CVBS2 <<CVBS2 [5]
TV <<TV [5]
RGB/CVBS <<RGB/CVBS [5]
CVBS <<CVBS [5]







3.7- Esquema Elétrico - PCI Principal - Saídas de Áudio (CBU)



3.8- Esquema Elétrico - PCI Principal (MPEG) - Alimentação (CKD)

1- ÍNDICE & ALIMENTAÇÃO, RESET

2- RF / SERVO / MPEG / MT 1389D

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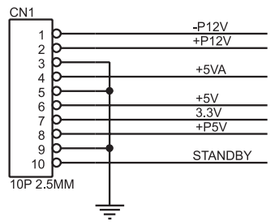
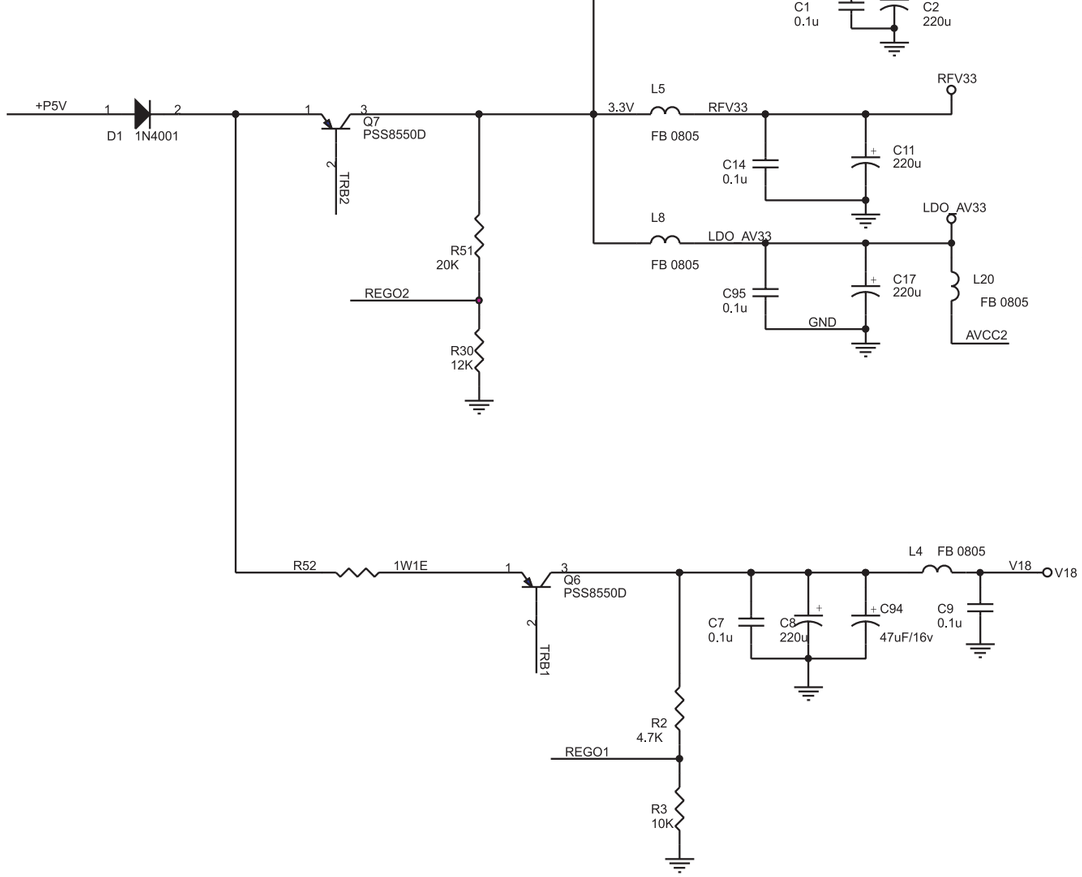
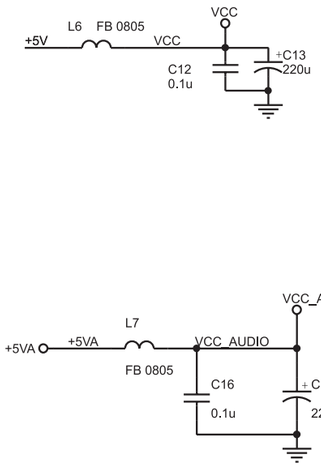
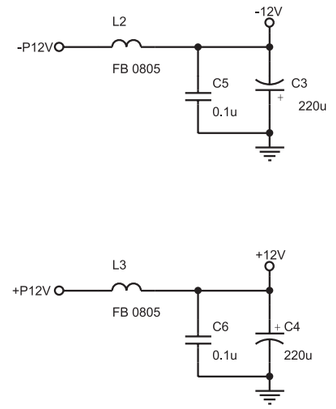
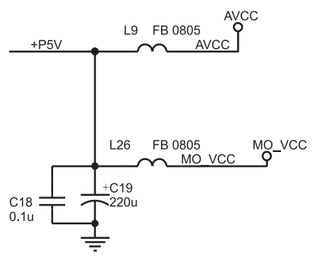
DVDD	Audio 5V	Audio DAC

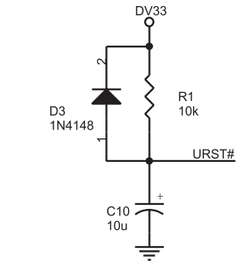


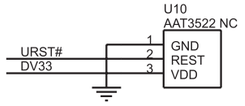


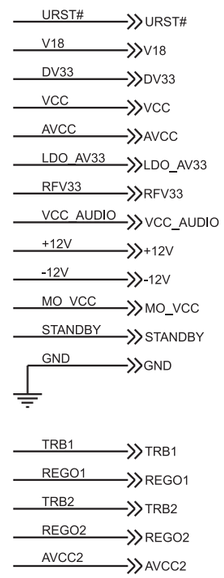




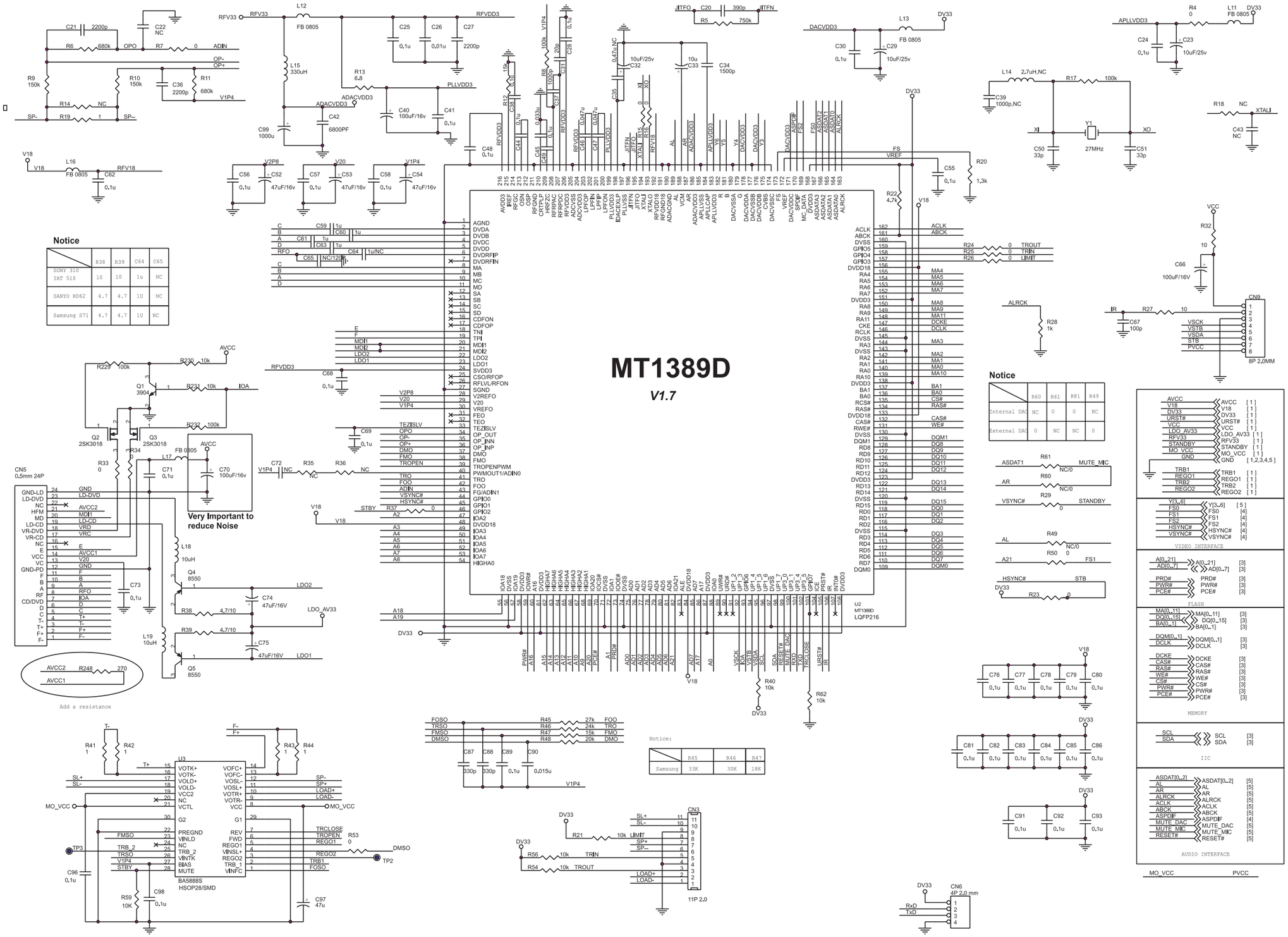




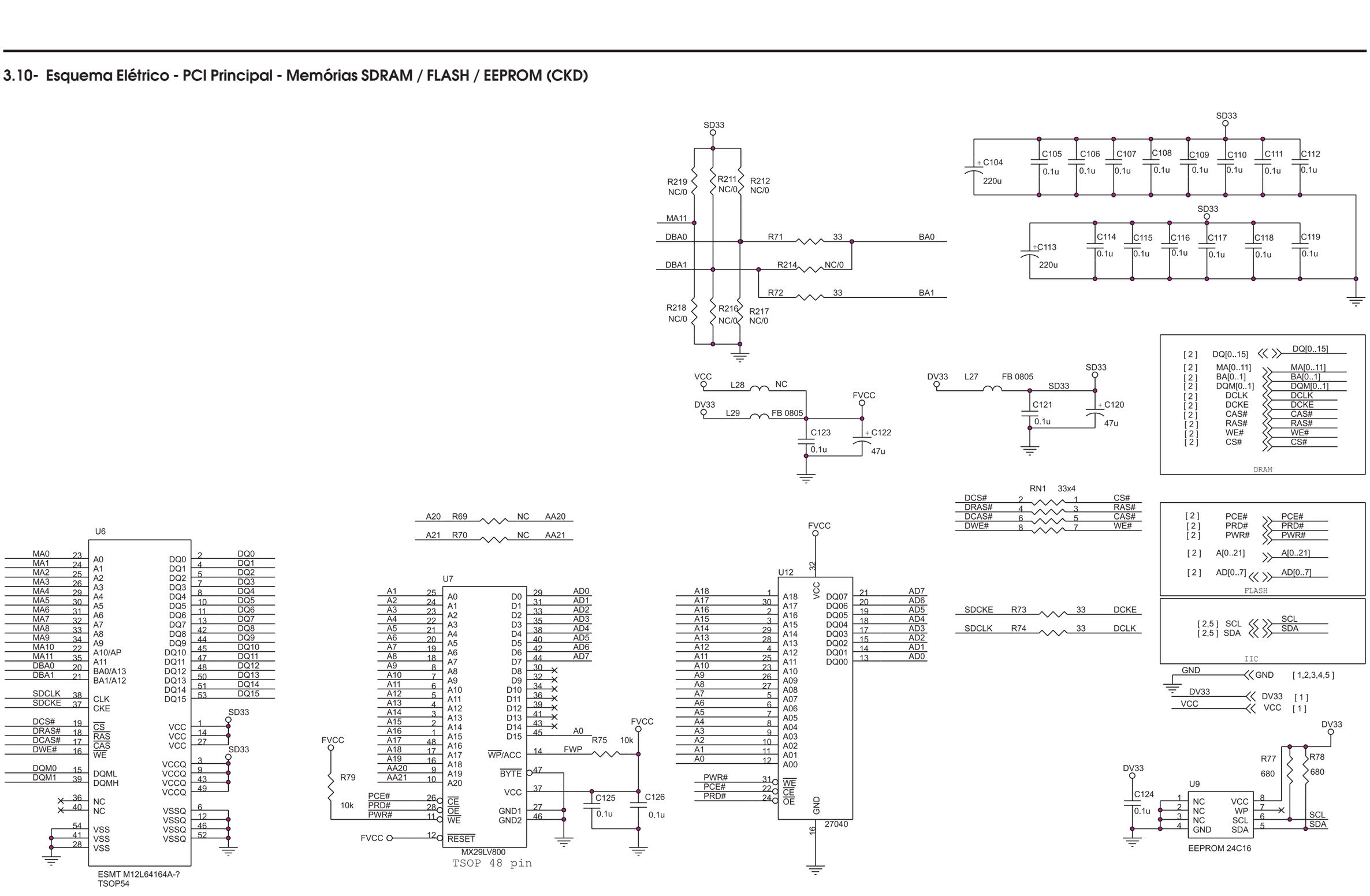




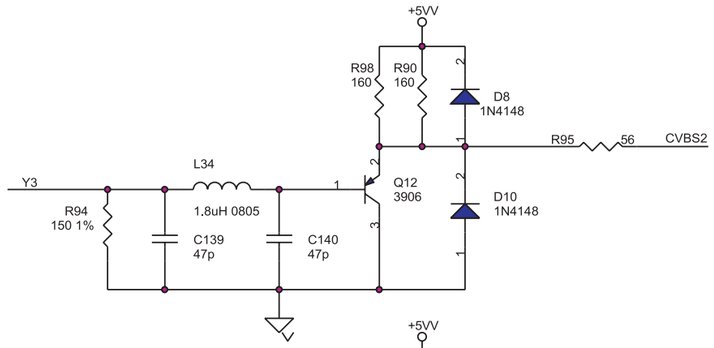
3.9- Esquema Elétrico - PCI Principal - Circuito RF & MPEG (CKD)

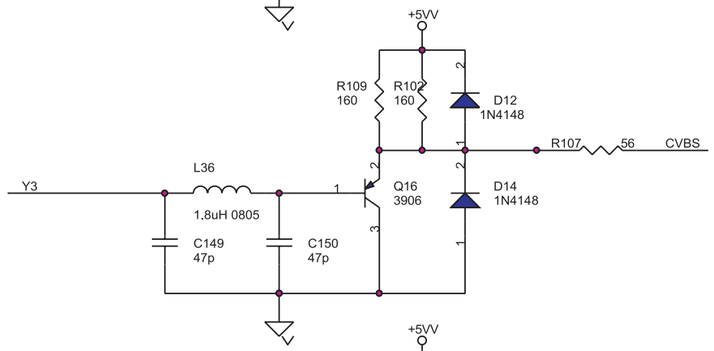


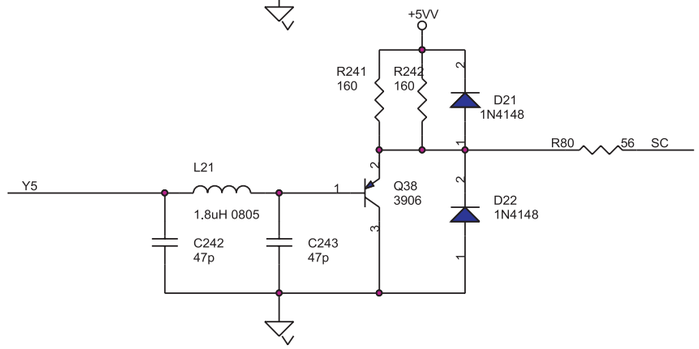
3.10- Esquema Elétrico - PCI Principal - Memórias SDRAM / FLASH / EEPROM (CKD)

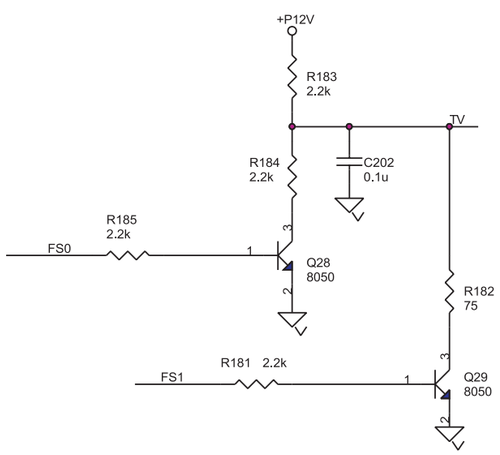


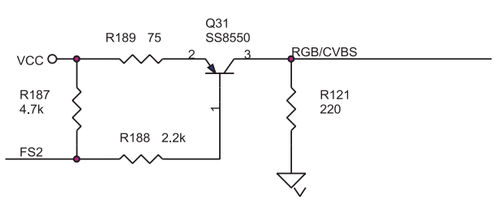
3.11- Esquema Elétrico - PCI Principal - Saídas de Vídeo (CKD)

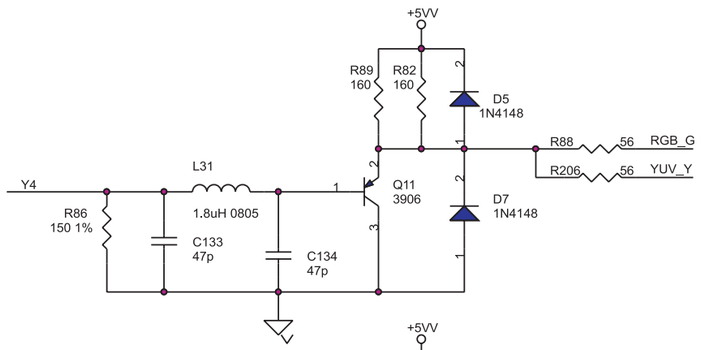


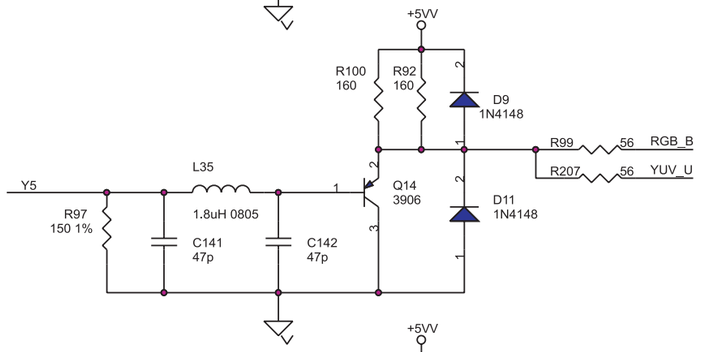


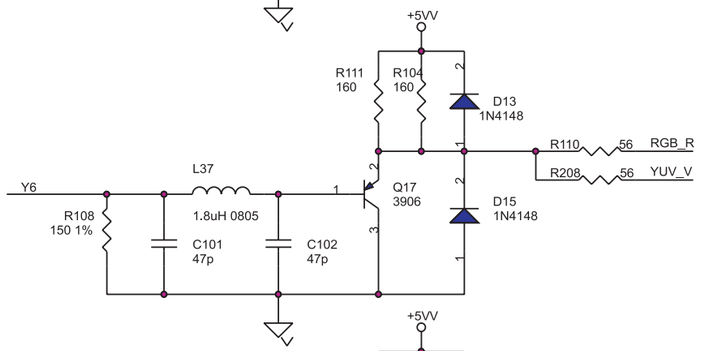


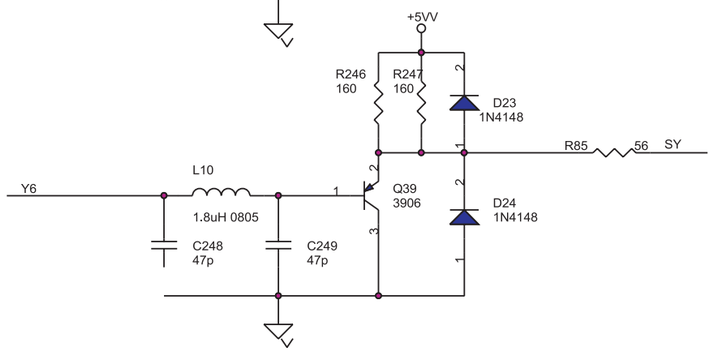


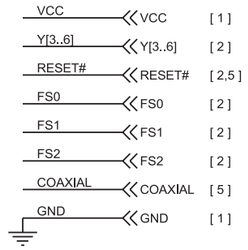


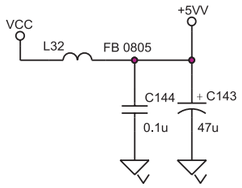


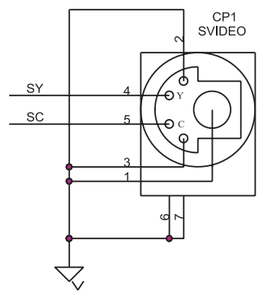


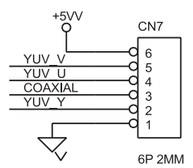




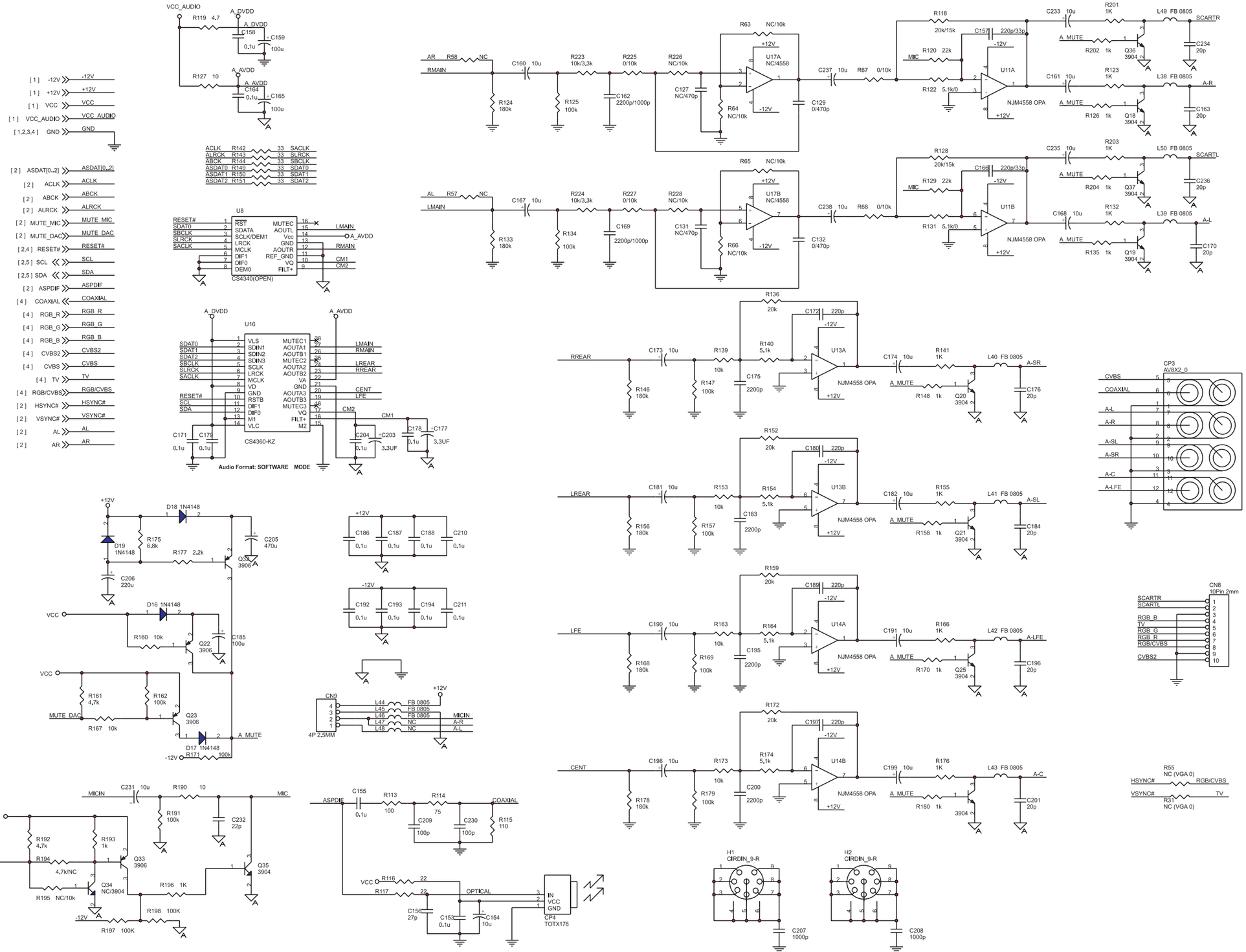




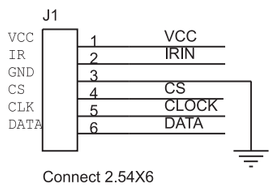


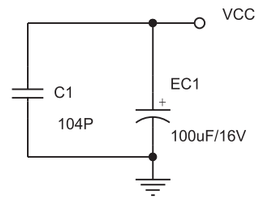


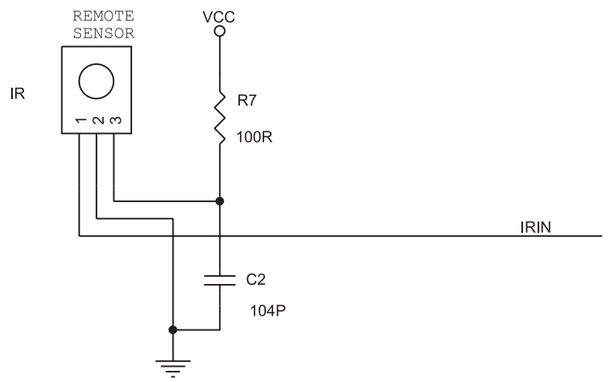
3.12- Esquema Elétrico - PCI Principal - Saídas de Áudio (CKD)

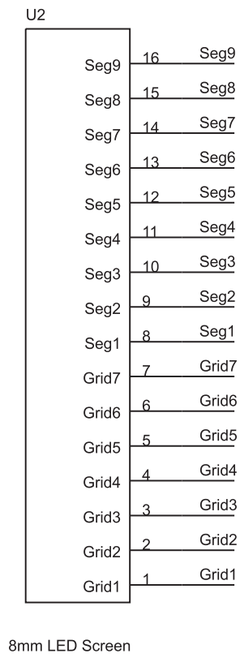


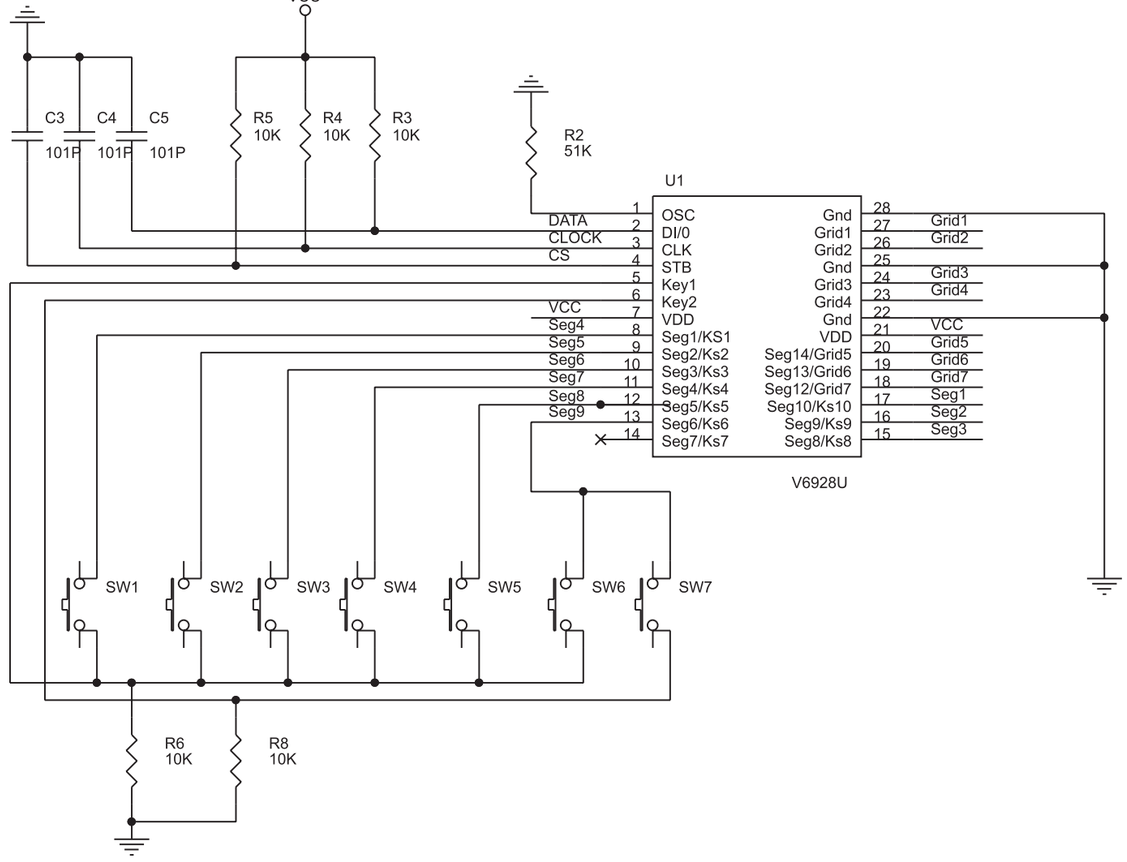
3.13- Esquema Elétrico - PCI Controles (CBU)



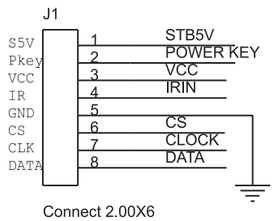


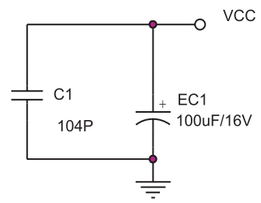


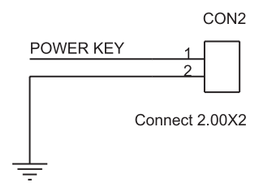


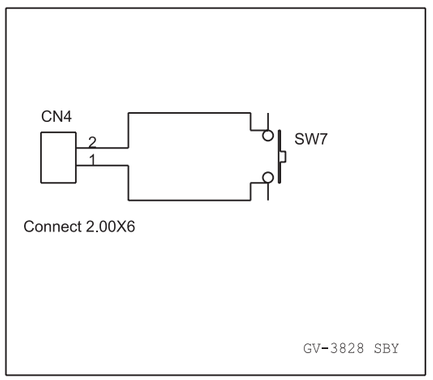


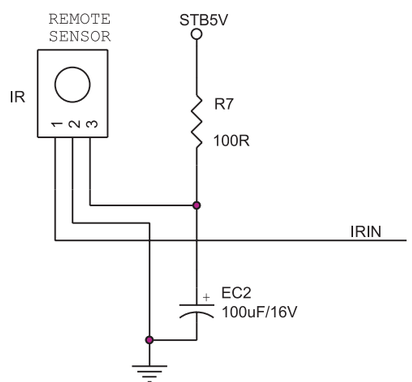
3.14- Esquema Elétrico - PCI Controles (CKD)

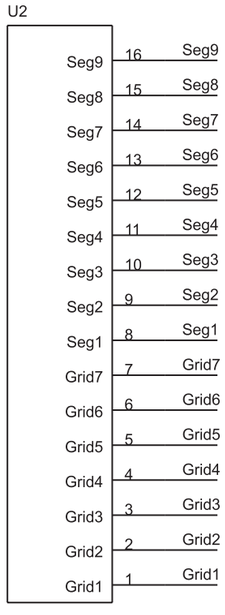


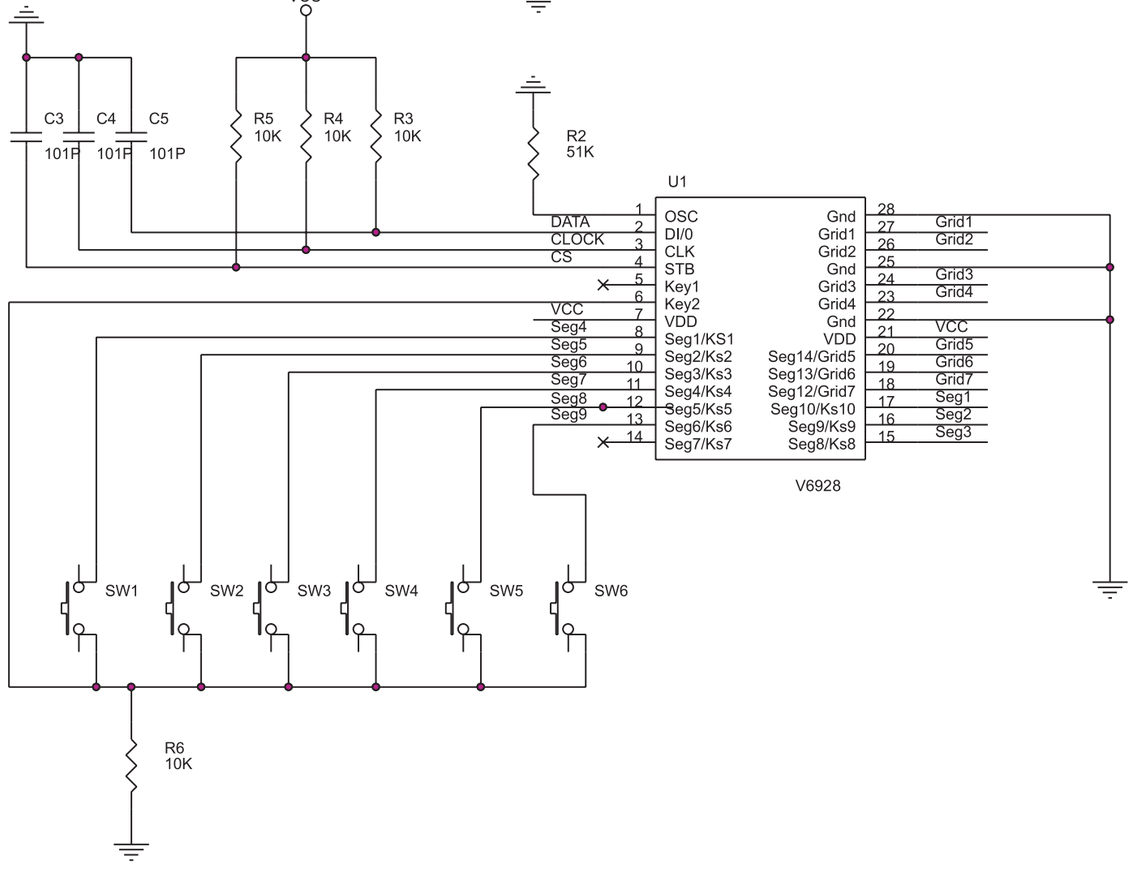




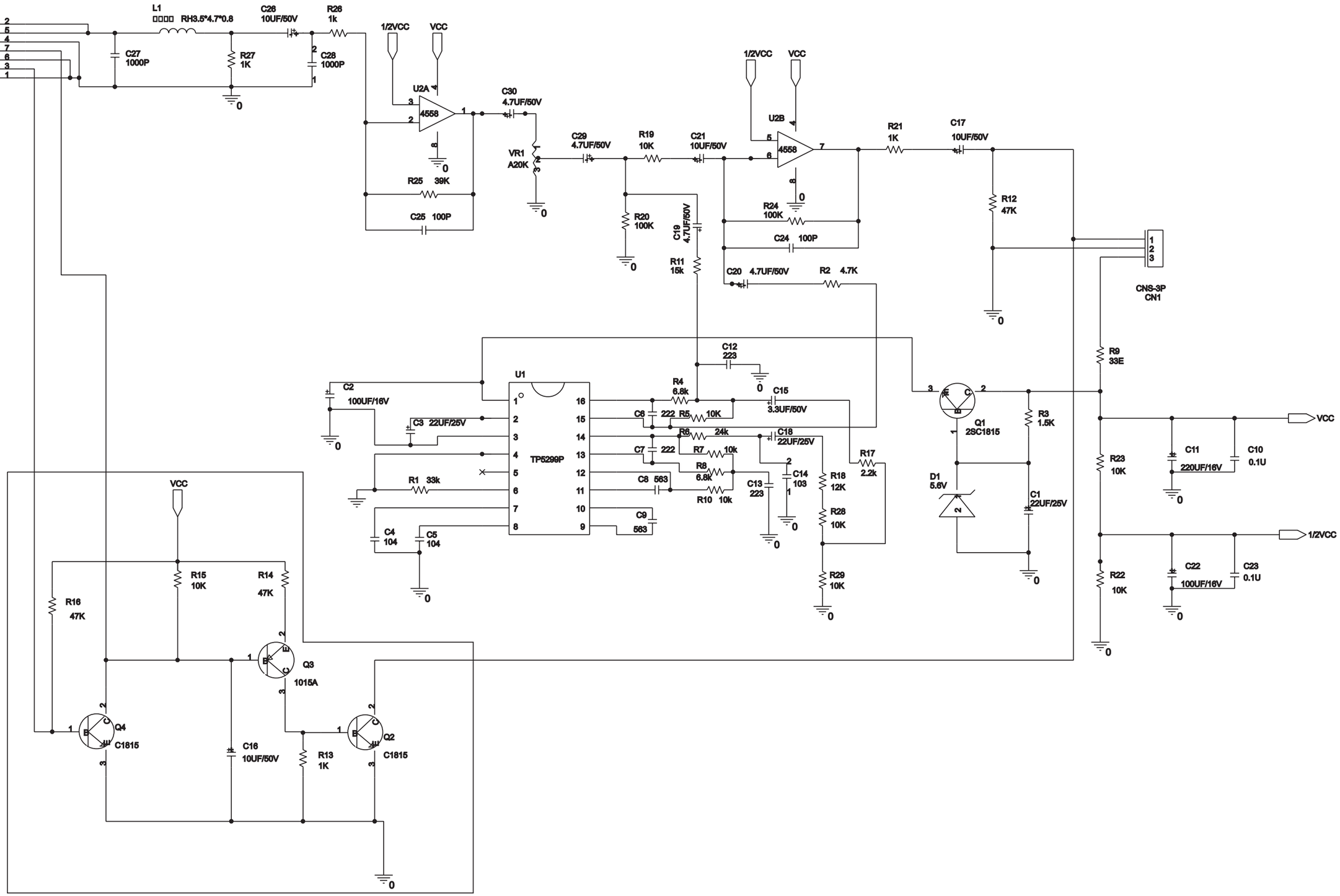




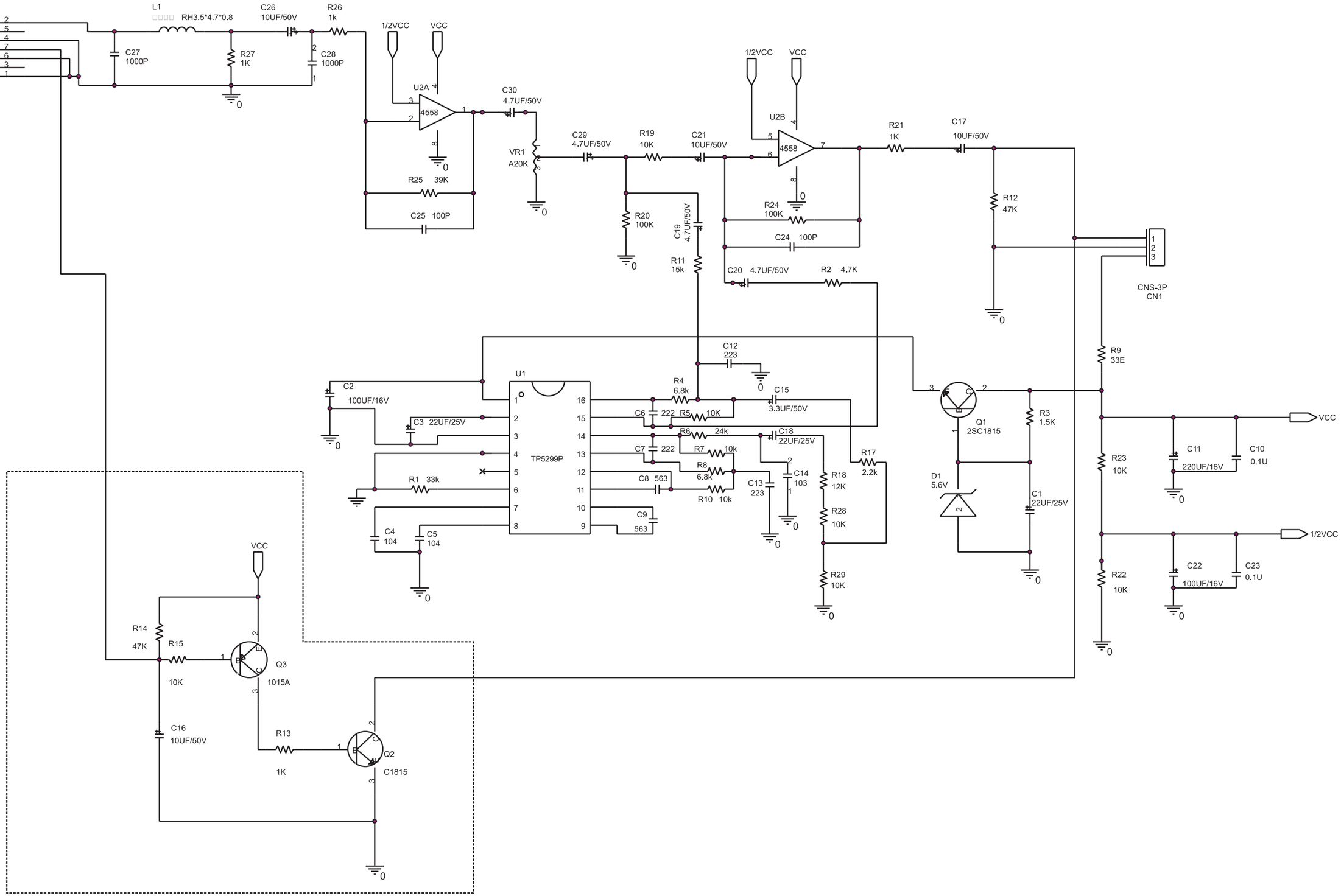




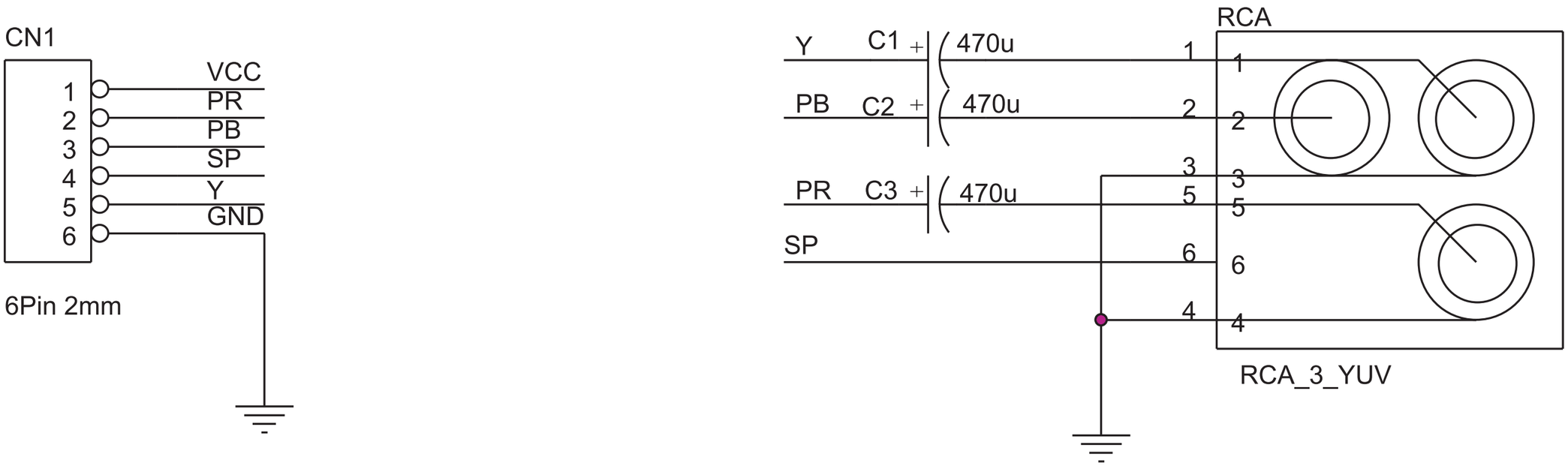
3.15- Esquema Elétrico - PCI Microfone (CBU)



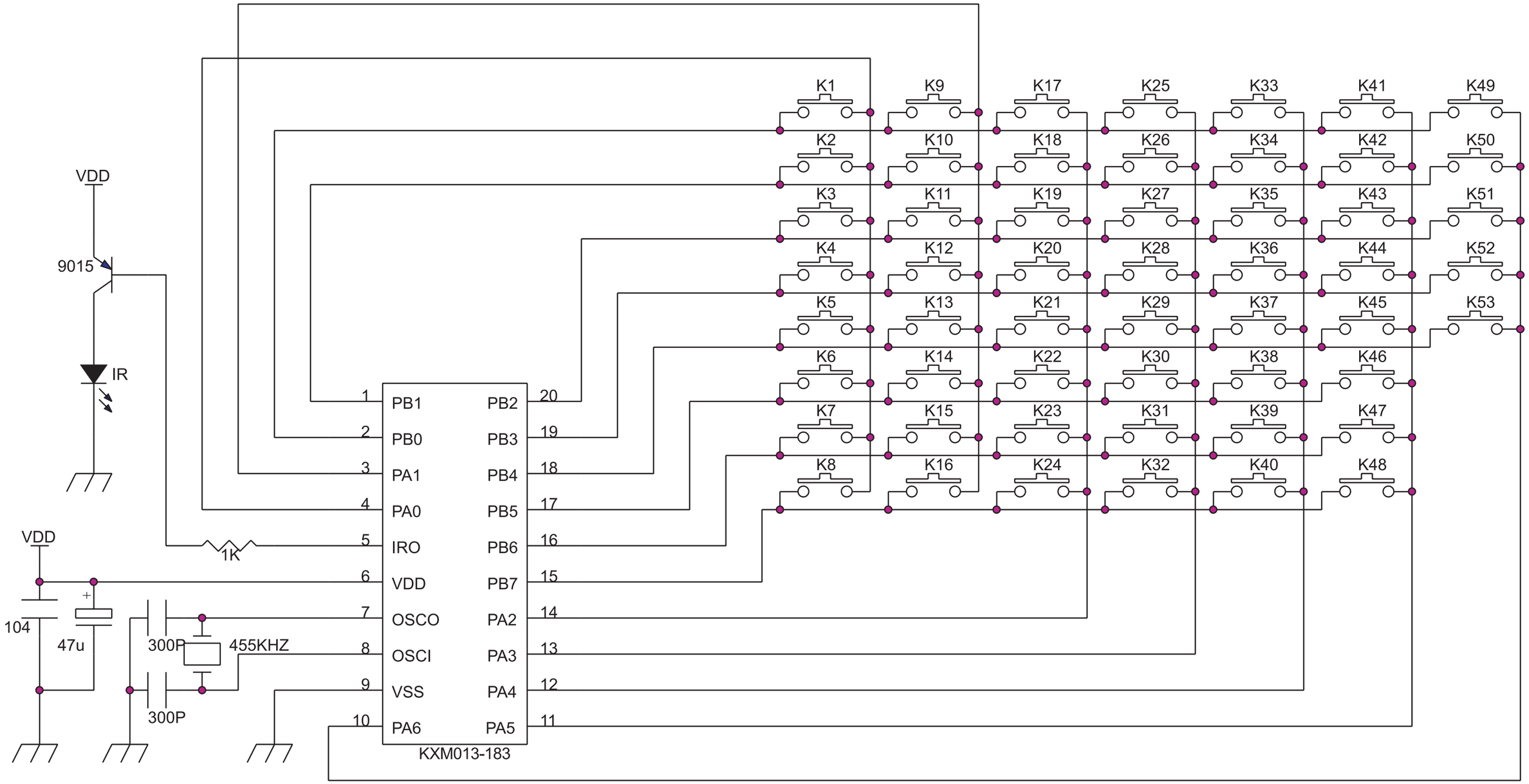
3.16- Esquema Elétrico - PCI Microfone (CKD)



3.17- Esquema Elétrico - PCI YUV (CBU & CKD)



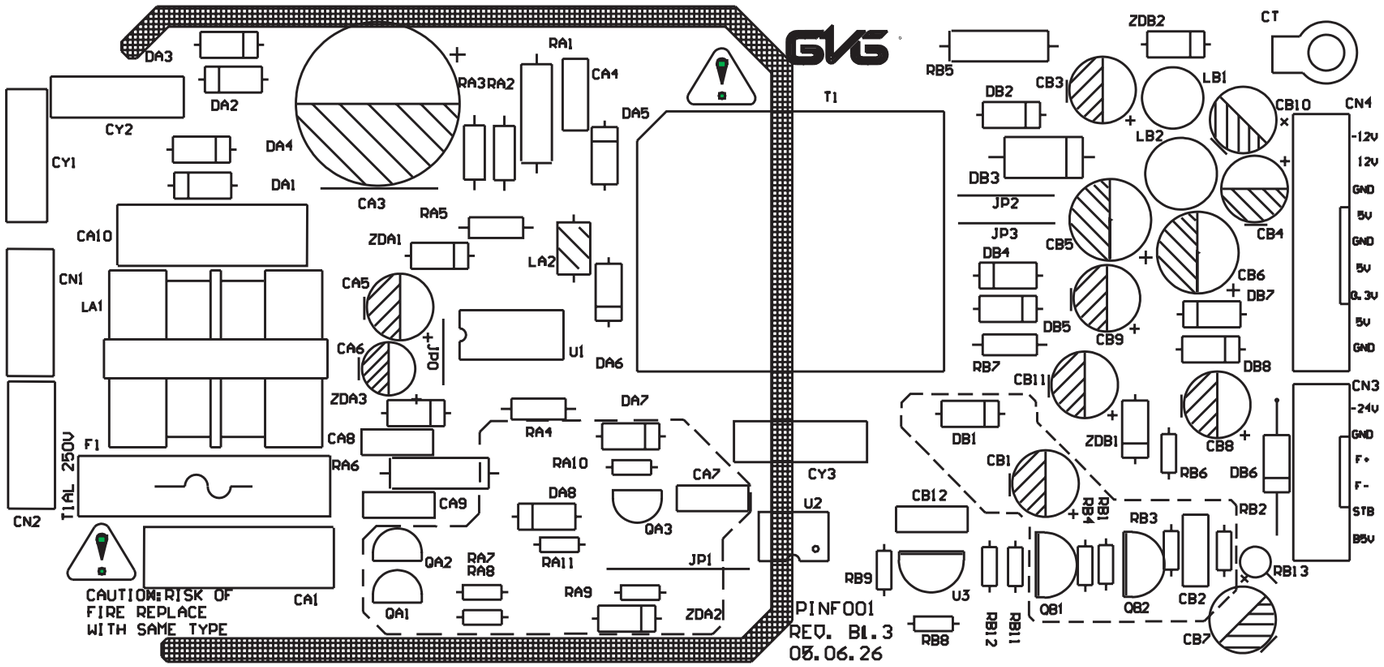
3.18- Esquema Elétrico - PCI Controle Remoto (CBU & CKD)



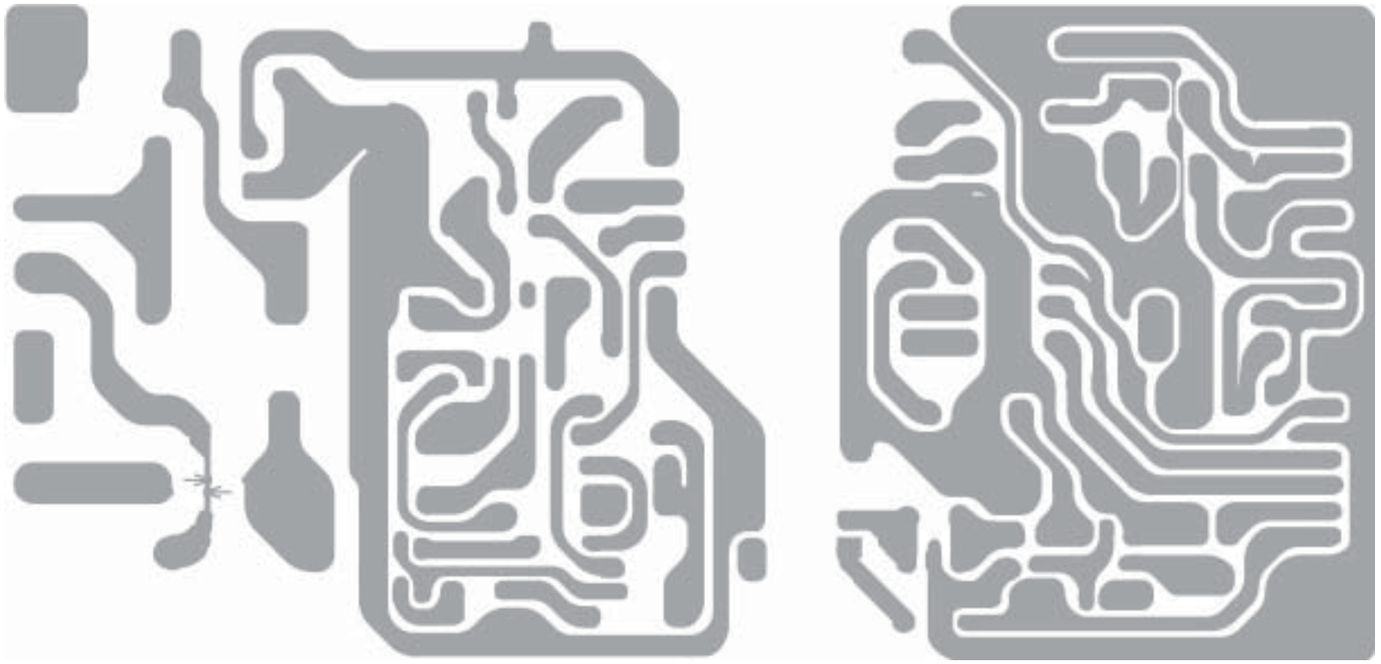
4- LAY-OUT DAS PLACAS DE CIRCUITO IMPRESSO

4.1- PCI da Fonte de Alimentação (CBU)

- Lado dos Componentes

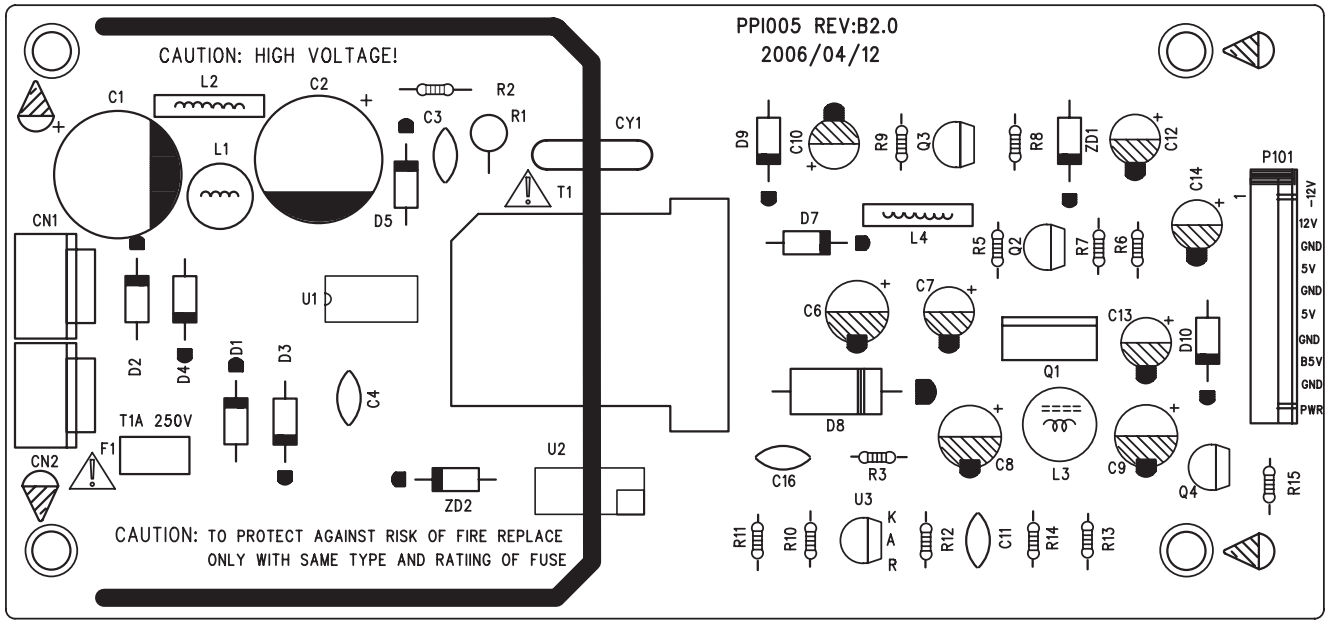


- Lado da Solda

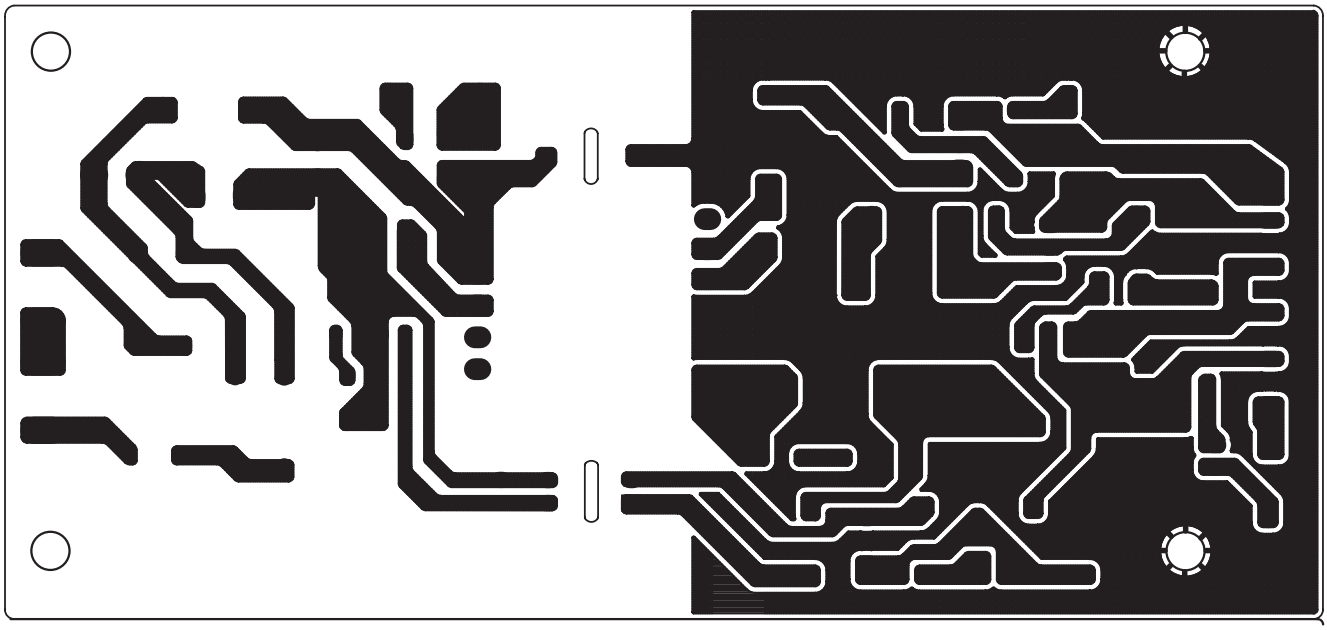


4.2- PCI da Fonte de Alimentação (CKD)

• **Lado dos Componentes**

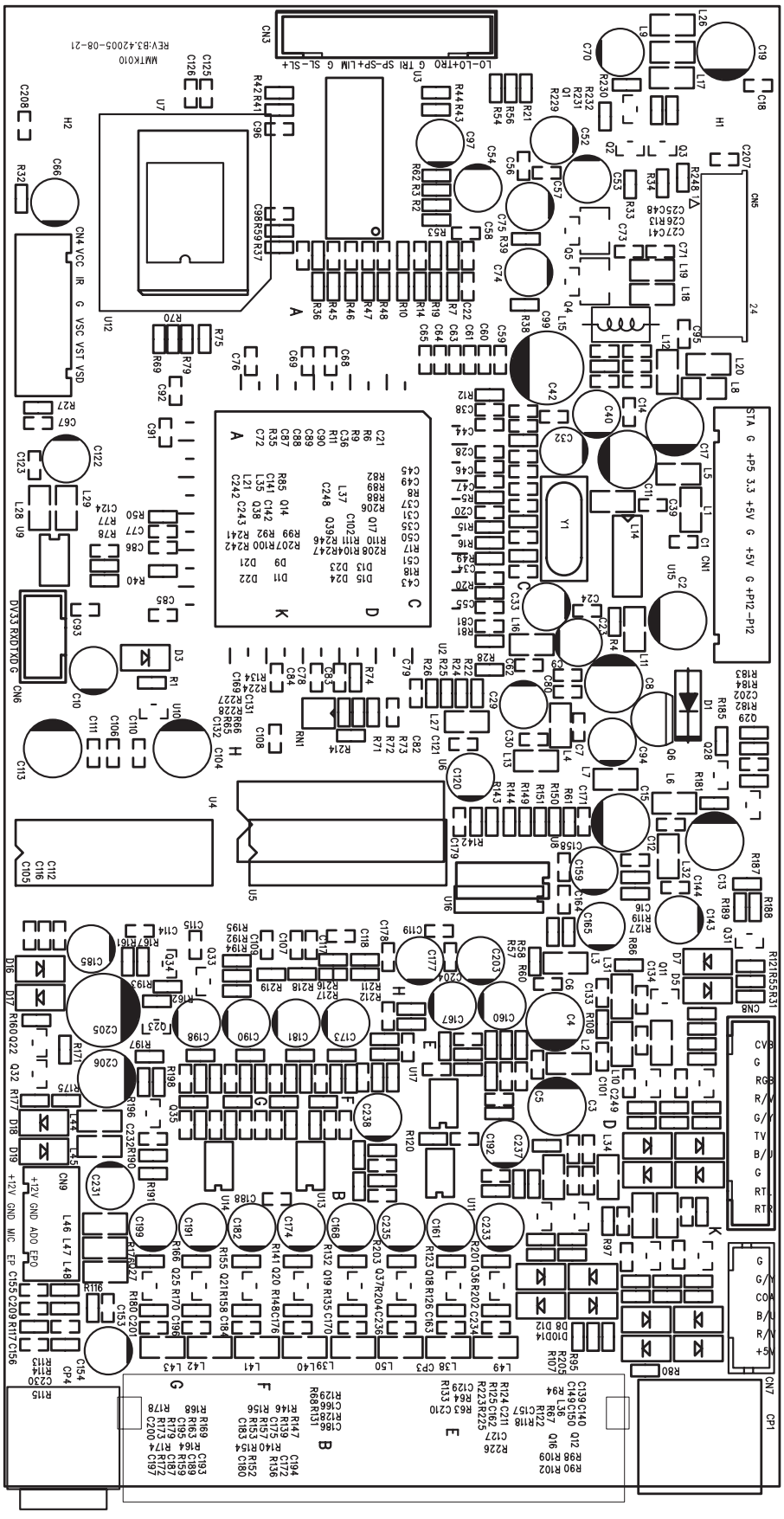


• **Lado da Solda**

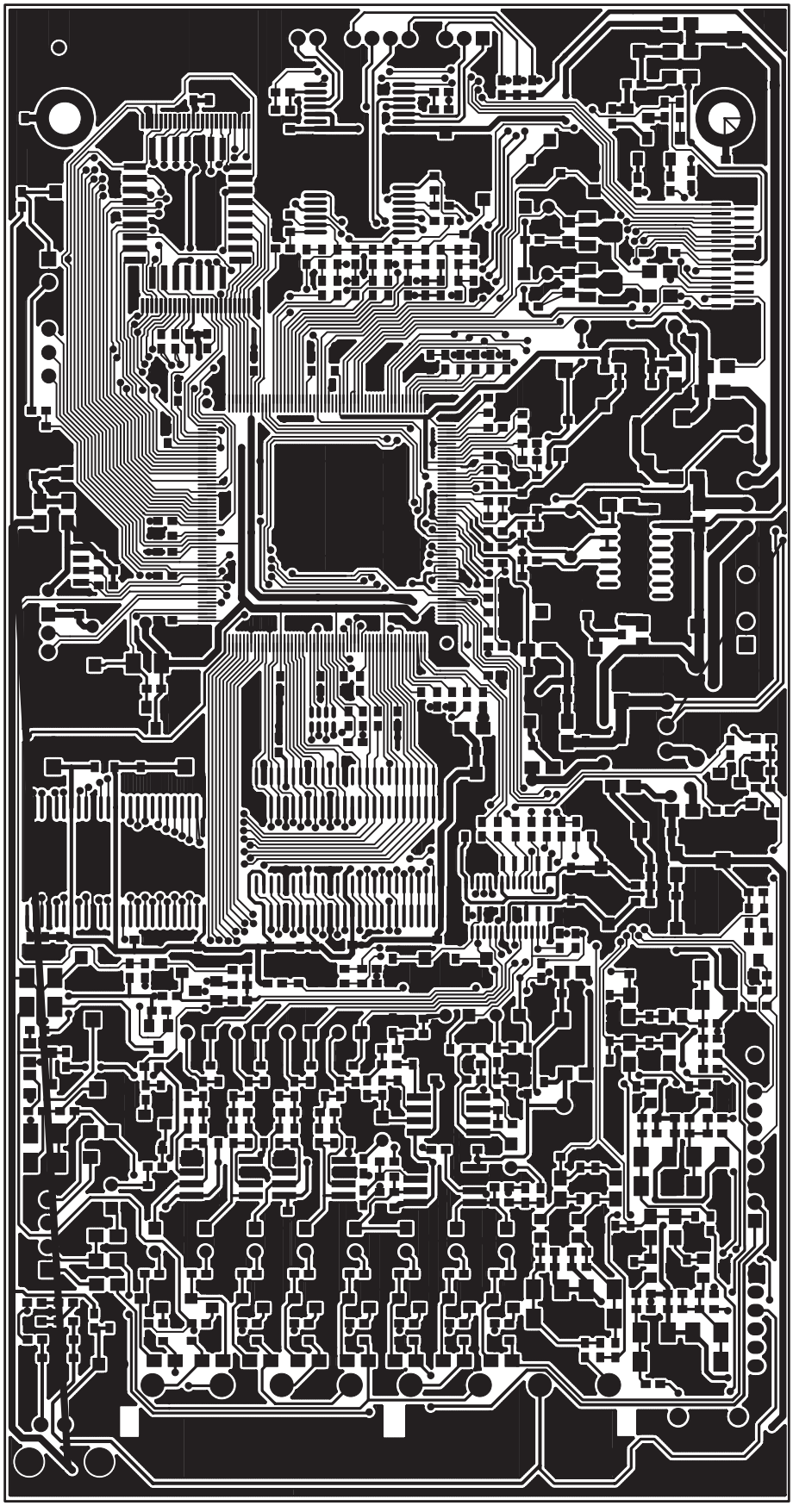


4.3- PCI Principal (CBU)

• Lado dos Componentes

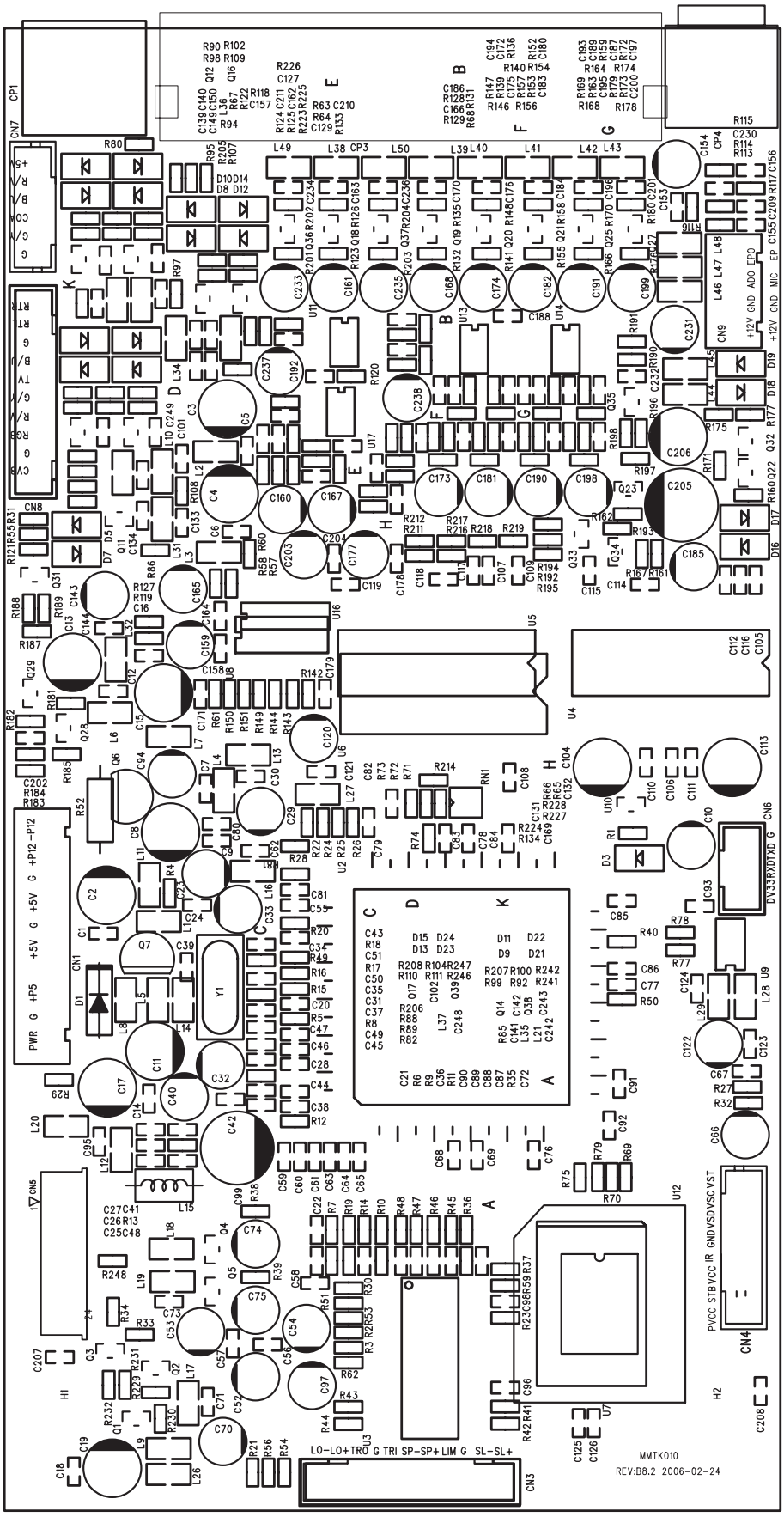


• Lado das Pistas

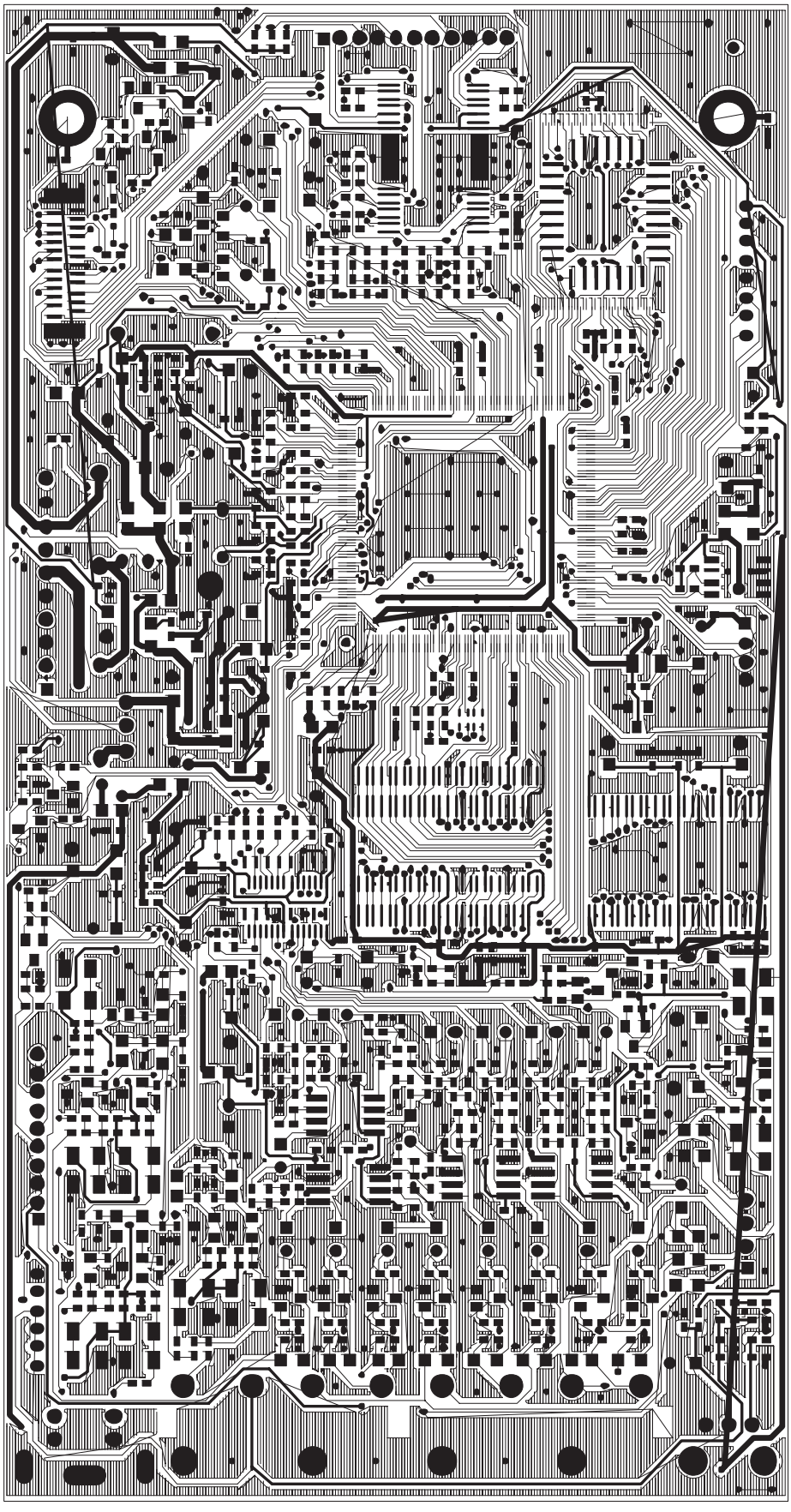


4.4- PCI Principal (CKD)

• Lado dos Componentes

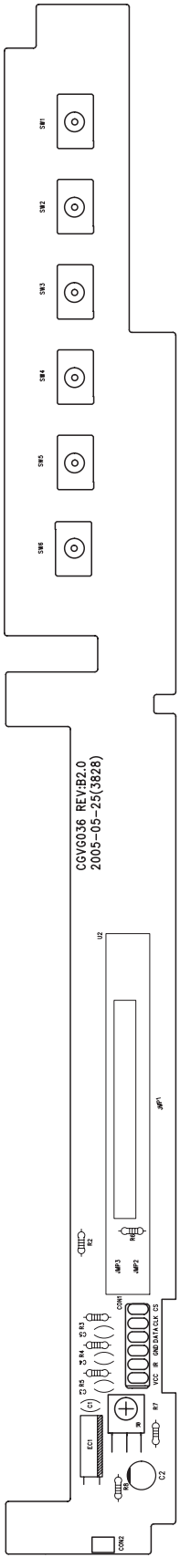


• Lado das Pistas

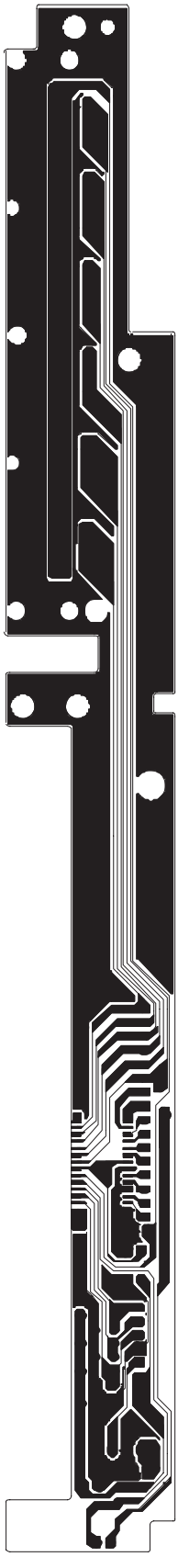


4.5- PCI CONTROLES (CBU)

• Lado dos Componentes

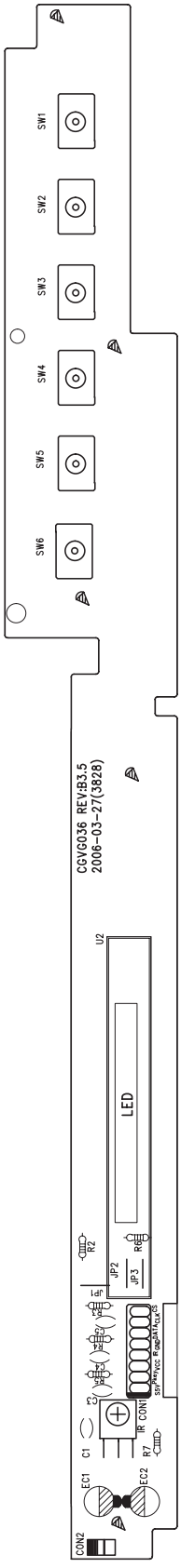


• Lado da Solda

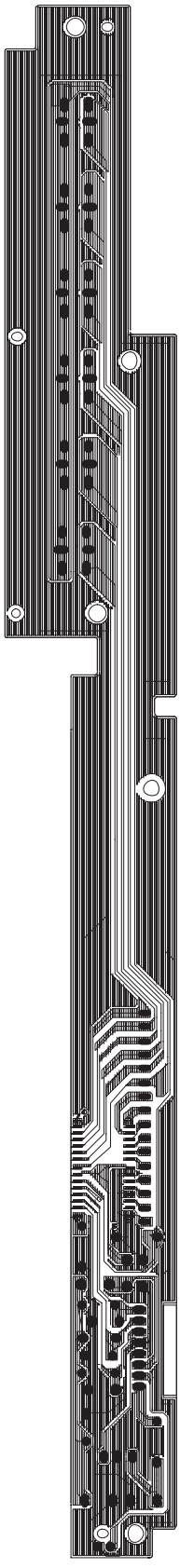


4.6- PCI CONTROLES (CKD)

• Lado dos Componentes

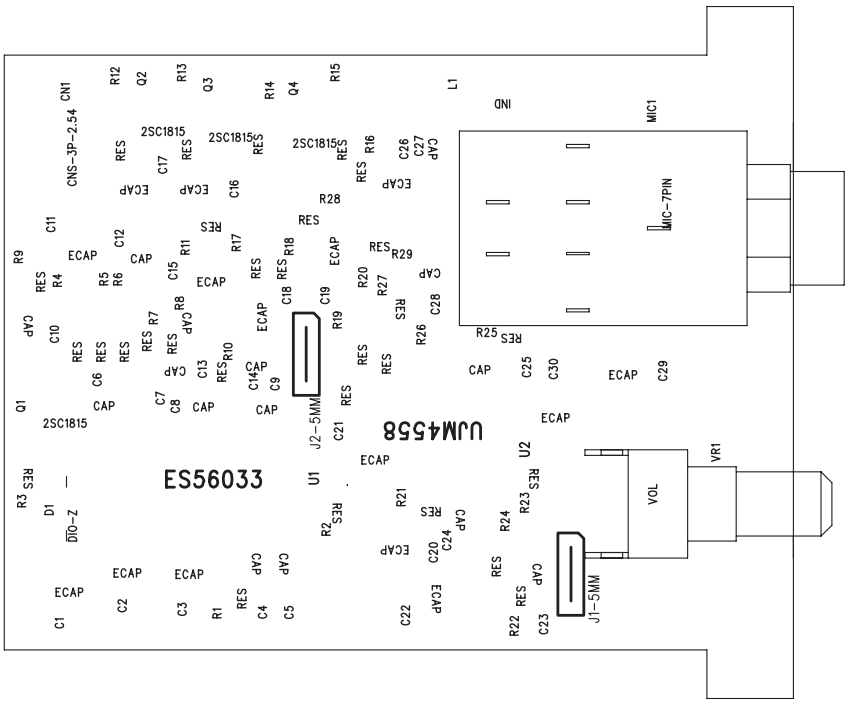


• Lado da Solda

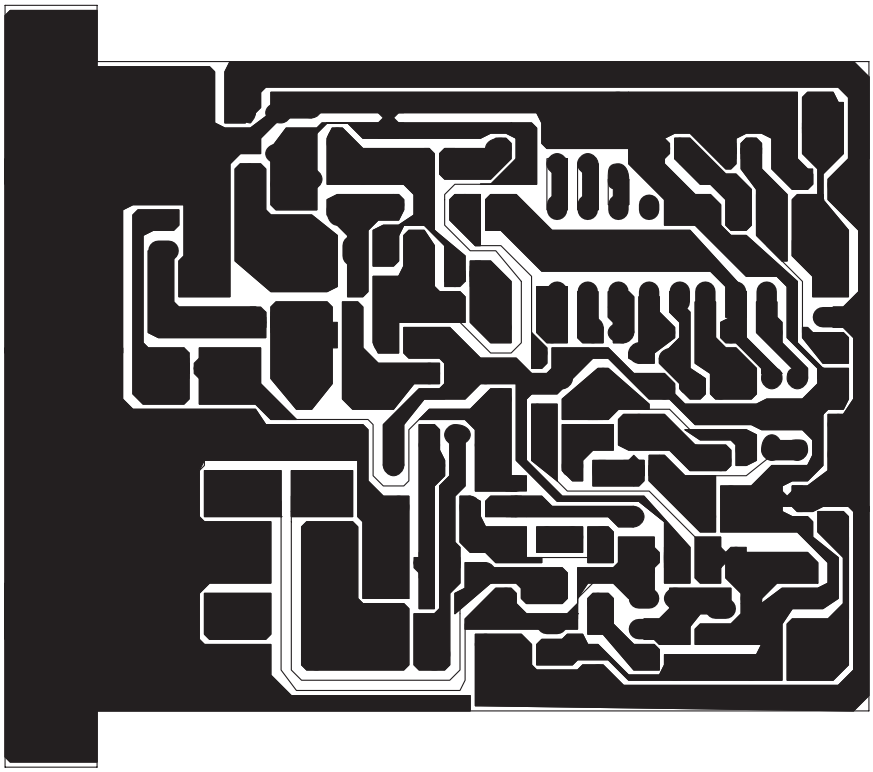


4.7- PCI MICROFONE (CBU)

• Lado dos Componentes

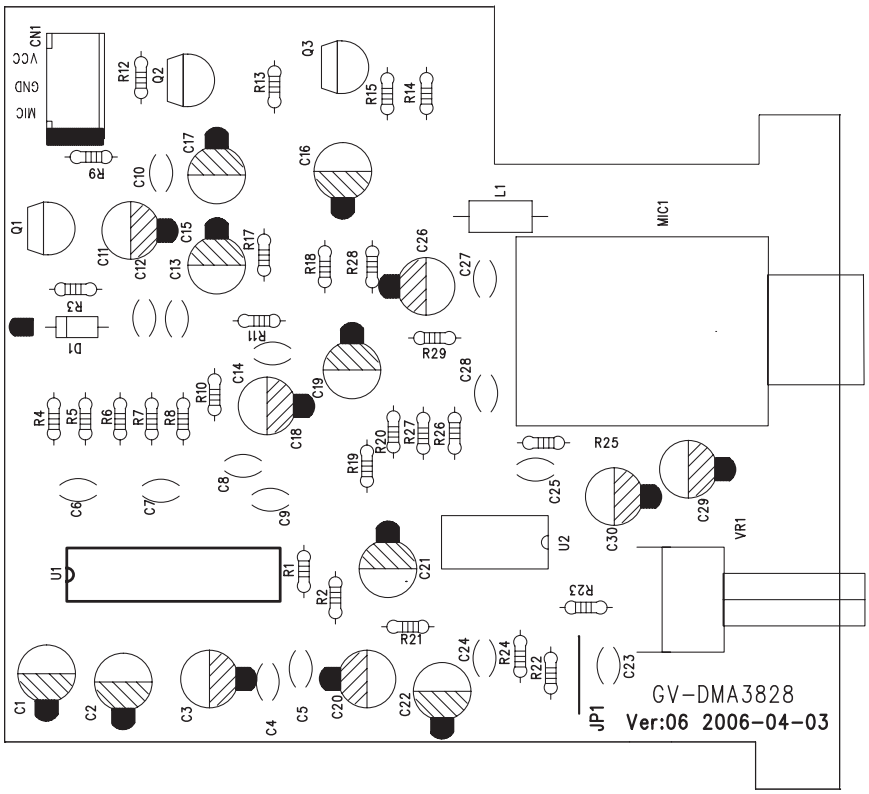


• Lado da Solda

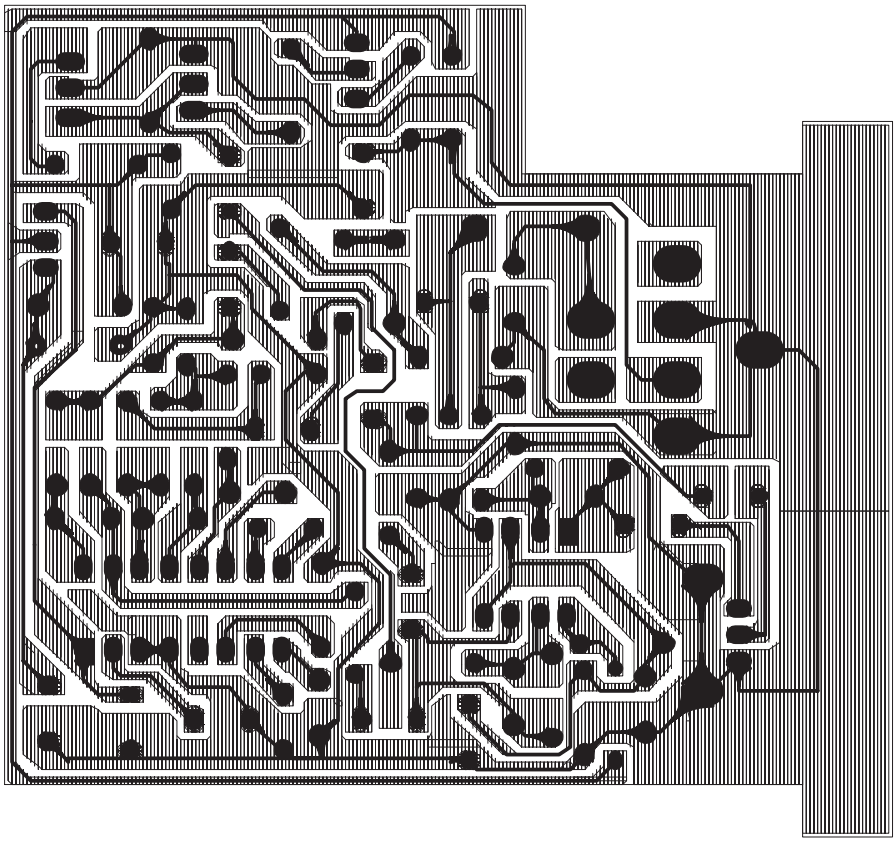


4.8- PCI MICROFONE (CKD)

• Lado dos Componentes

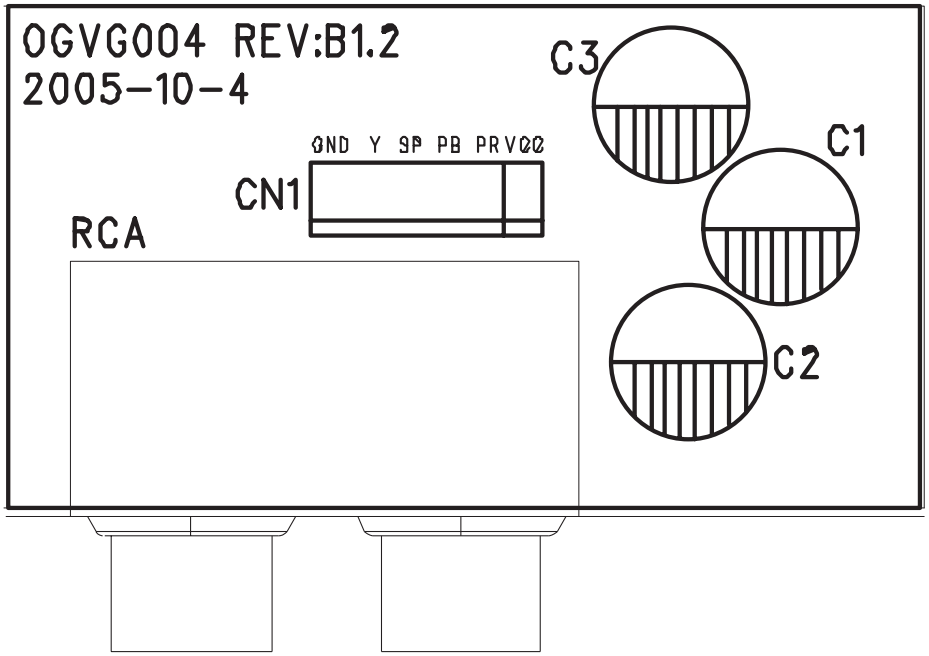


• Lado da Solda

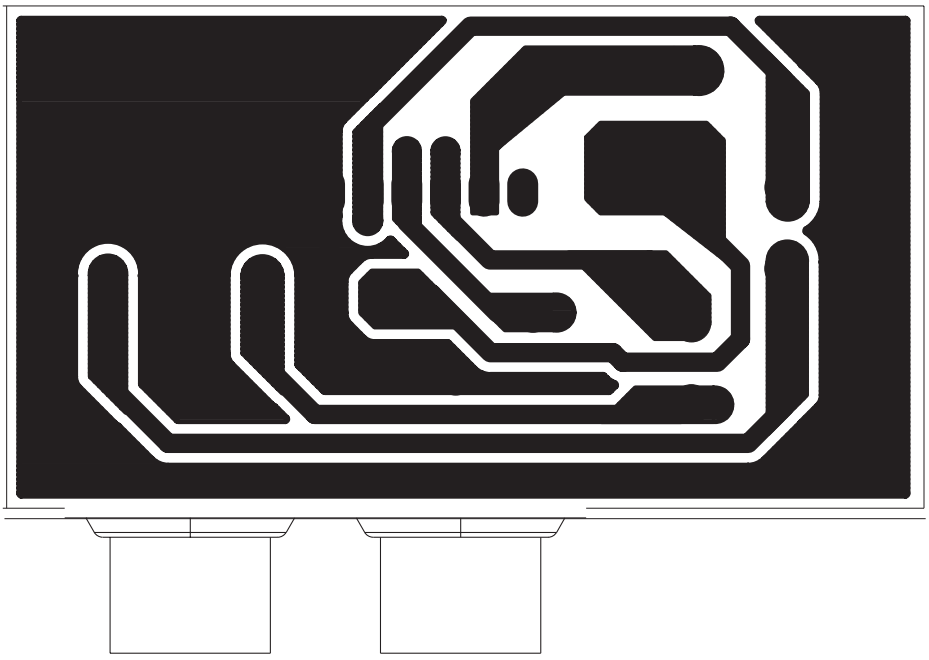


4.9- PCI YUV (CBU)

• Lado dos Componentes

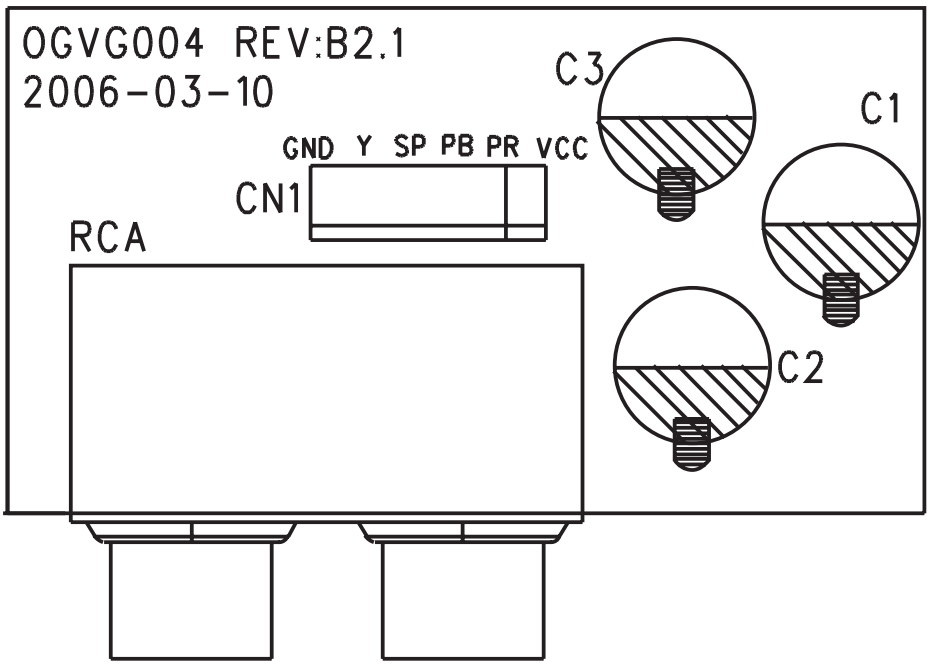


• Lado da Solda

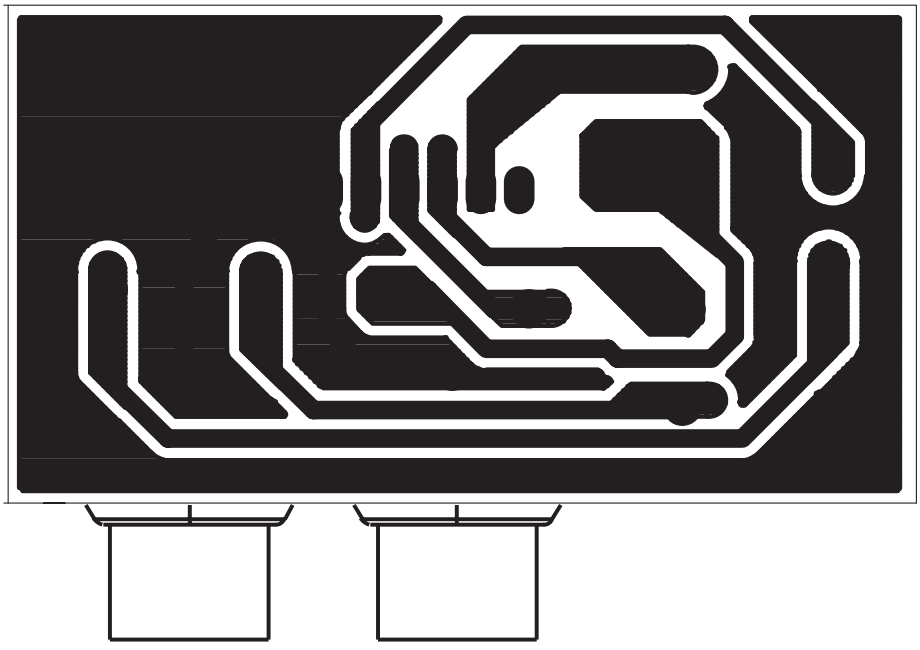


4.10- PCI YUV (CKD)

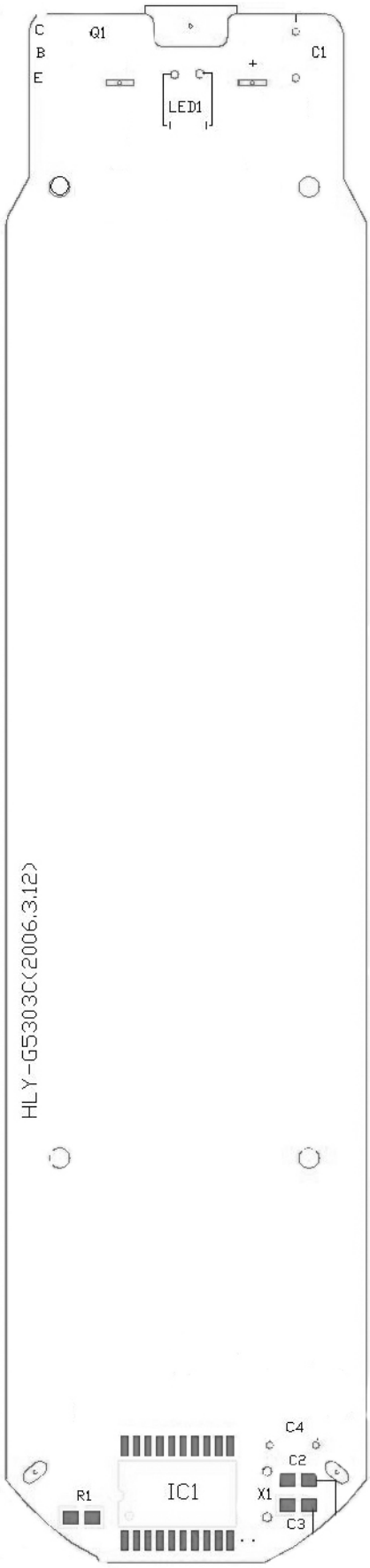
• Lado dos Componentes



• Lado da Solda



4.11- PCI CONTROLE REMOTO (CBU & CKD)



5- VISTAS EXPLODIDAS

A. REMOÇÃO DA TAMPA SUPERIOR

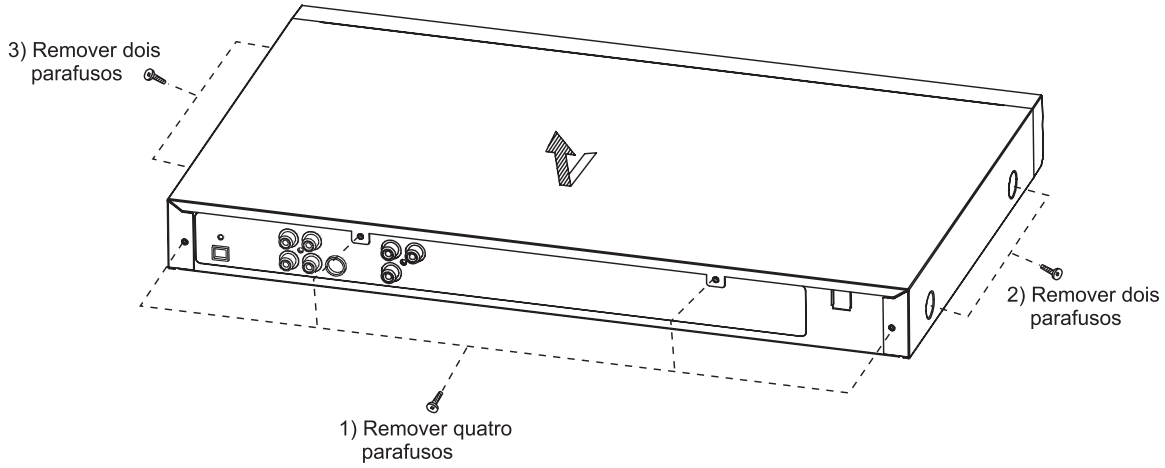


FIG.1

B. DESMONTAGEM DO PAINEL FRONTAL

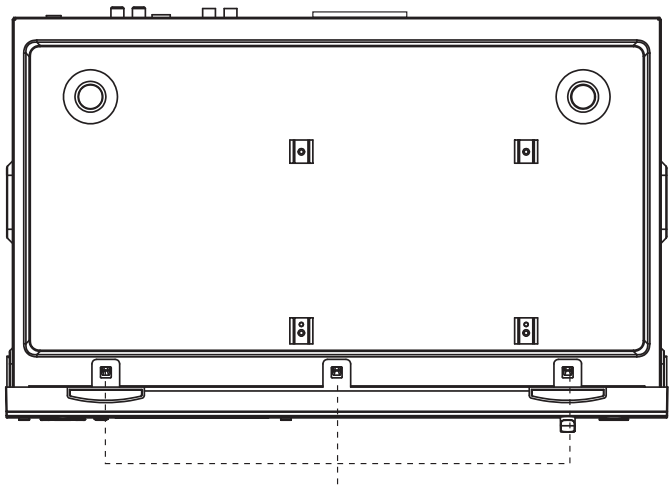


FIG.1

C. DESMONTAGEM DA PCI PRINCIPAL (MPEG)

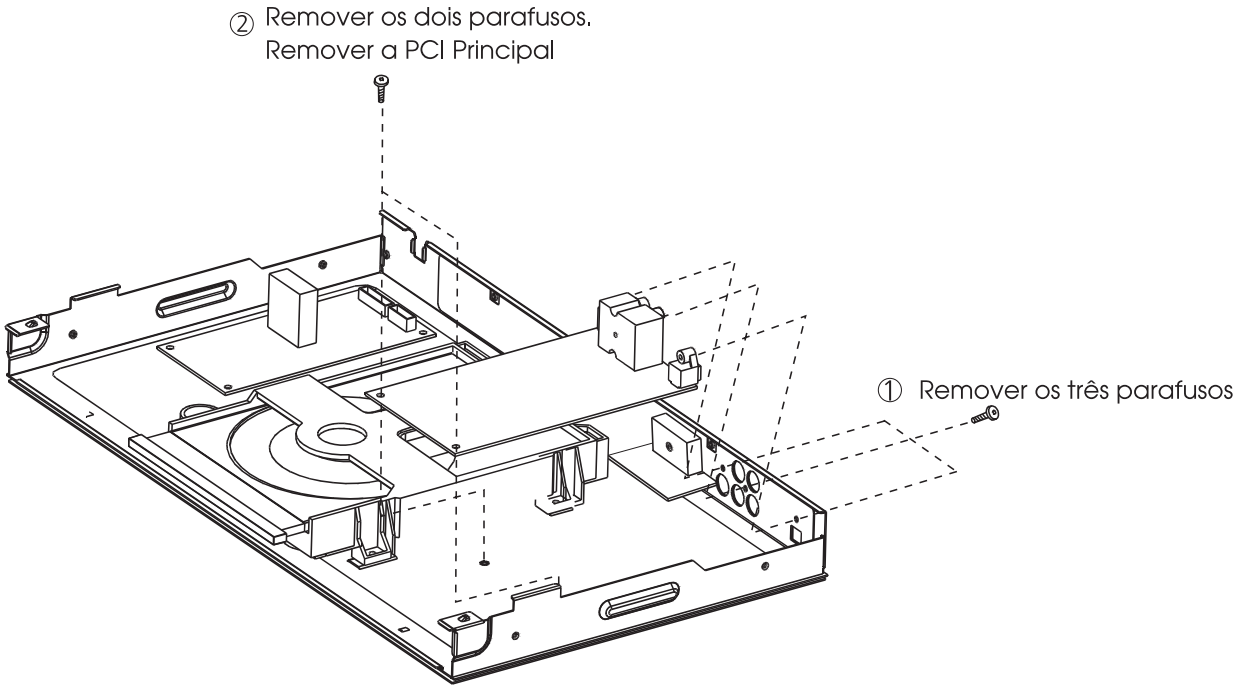


FIG.3

D. DESMONTAGEM DA PLACA DA FONTE DE ALIMENTAÇÃO

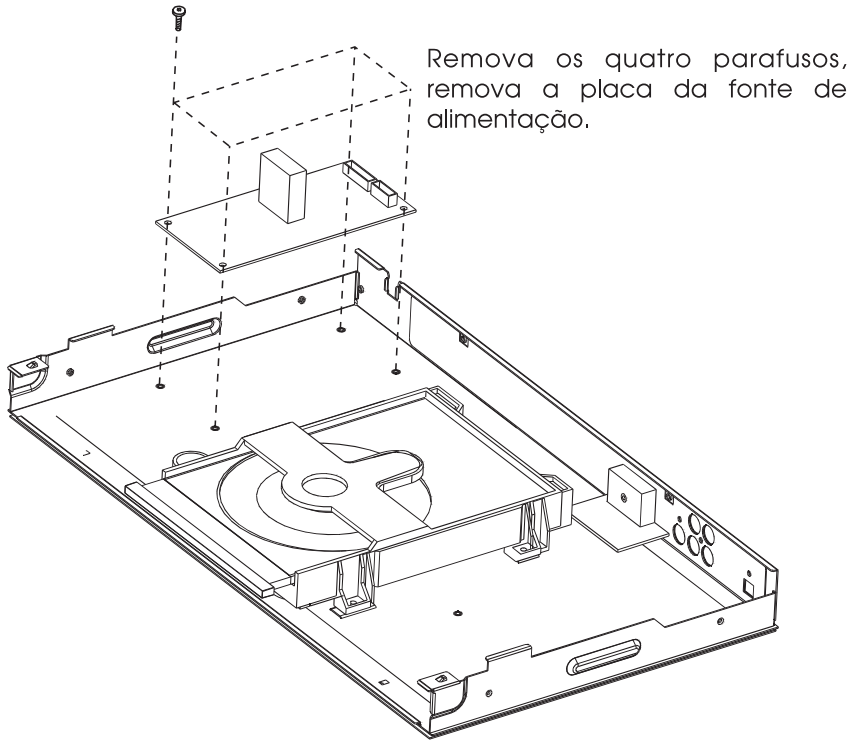


FIG.4

E. DESMONTAGEM DA PLACA DE SAÍDA YUV

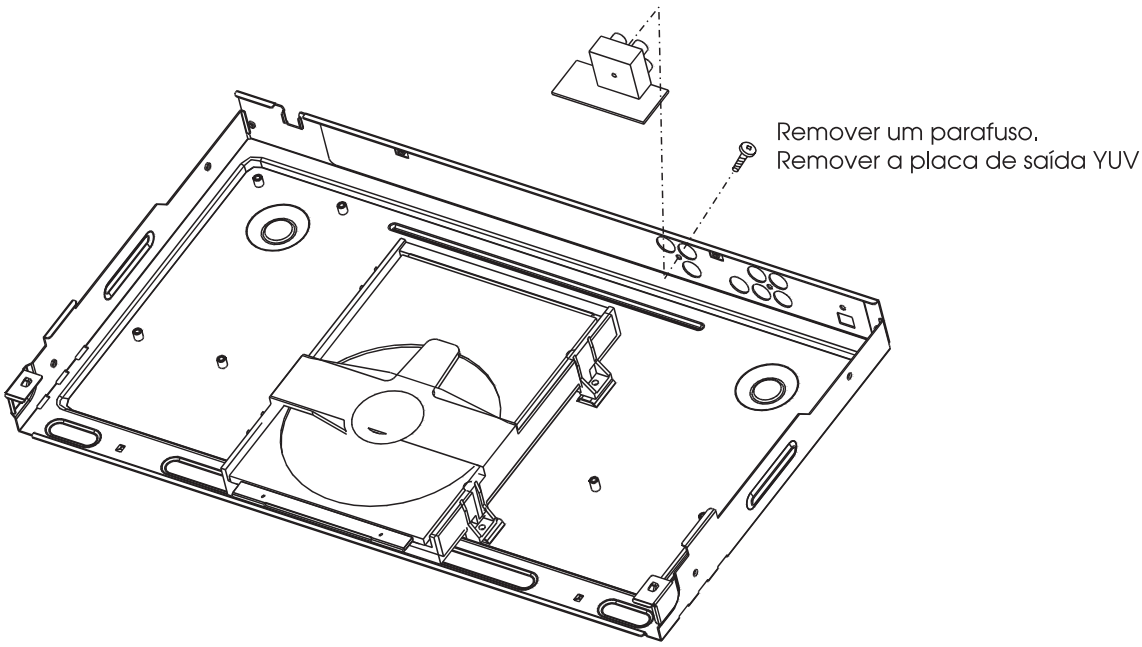


FIG.5

F. DESMONTAGEM DO MECANISMO

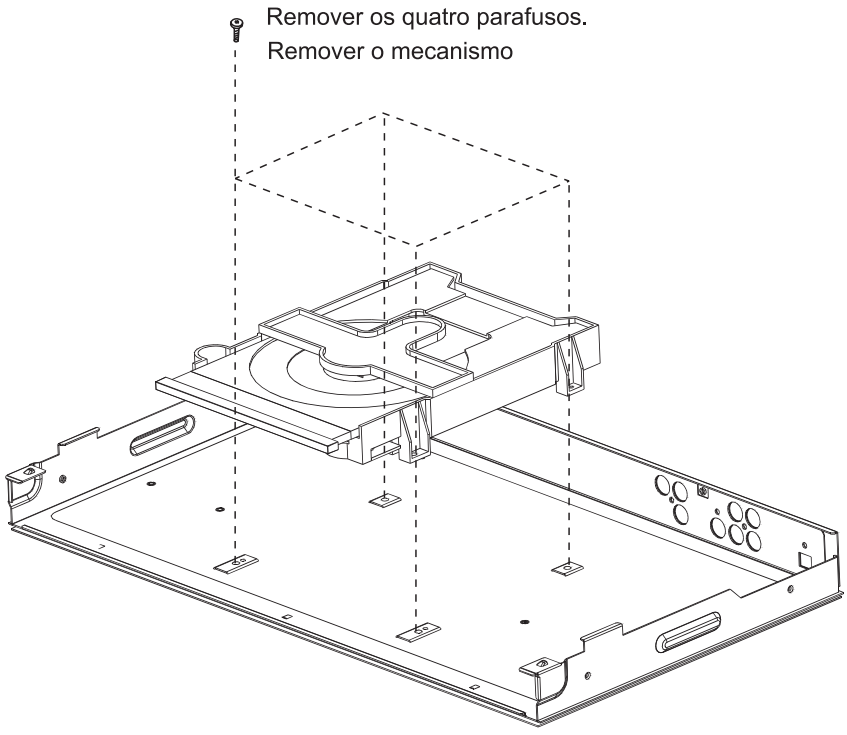


FIG.6

7- LISTA DE COMPONENTES

NOTA DE SEGURANÇA: As partes marcadas com o símbolo ⚠ possuem características especiais importantes para segurança. Antes de substituir qualquer um desses componentes, certifique-se que o está fazendo apenas por componentes com as mesmas características. Não comprometa a segurança do produto pela utilização de componentes duvidosos durante o serviço.

Tabela de tolerâncias:

Símbolo	F	G	J	K	M	N	Z	P
%	± 1	± 2	± 5	± 10	± 20	± 30	-20 +80	0 +100

Símbolo	C	D
pF	± 0,25	± 0,5

Observação importante: A tabela à seguir apresenta-se ordenada alfa-numericamente em função da posição do componente. Os componentes exclusivos de cada modelo (CBU ou CKD), aparecem com tal anotação no campo "descrição"; todos os demais componentes, sem indicação de modelo, são de uso comum, a ambos modelos.

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
APARELHO		
A1	156949	CABO FORCA 2 VIAS C/ CONECTOR ⚠
AE301	149379	CAIXA EMBALAGEM SD7080 (CBU)
AE301	153740	CAIXA EMBALAGEM SD7080 (CKD)
AE305A	173537	CONTROLE REMOTO DVD3150 (CBU)
AE305A	157899	CONTROLE REMOTO DVD3150 (CKD)
AE305FA	156958	CABO AUDIO L=1,5M C/ PLUG
AE305FB	156967	CABO VIDEO L=1,5M C/ PLUG
AE309	157988	MANUAL INSTRUCAO SD7080VK (CKD)
AE309	146979	MANUAL INSTRUCAO SD7080VK (CBU)
AG301F	156985	VISOR DISPLAY SD7080
AG301R	157112	PE BORR FRONTAL 46.6X6.6X8MM
AG302	156994	TAMPA SUPERIOR SD7080
AG302B	157145	ISOLADOR C/ ADES 90X70X0,5MM
AG307	157001	CHASSI METALICO SD7080 (CKD)
AG307R	157127	PE BORR TRASEIRO 15.5MMX3MM
AG308	153768	TAMPA TRASEIRA C/ IMPRESSAO (CKD)
AG359	156970	PORTA DVD SD7080
AM302	169150	MECANISMO RT616X MONTADO (CBU)
AM302	149360	MECANISMO RT616X MONTADO (CKD)
AM302A	191799	PICKUP CMS-S73S MONTADA
AM302E	157136	ESPACADOR MECANISMO 20X10X4MM
CN1/CN4	173540	CABO FLEX 9VIAS L=350MM (CBU)
CN1/P101	156934	CABO FLEXIVEL 10VIAS L=350MM (CKD)
Mecanismo (4)	157050	PARAF ACO TBVW 3X9 ZNA FPH
PCI Fonte (2)	157041	PARAF ACO MB 3X6 ZNA FPH
PCI Pr./Fonte (4)	157023	PARAF ACO TCB 3X6 ZNA FPH
PCIFT	173555	PCI FONTE SD7080 MONT (CBU) ⚠
PCIFT	157859	PCI FONTE SD7080 MONT (CKD) ⚠
PCIPR	149355	PCI PRINCIPAL SD7080VK MONT. ⚠
PCIPR	157154	PCI PRINCIPAL SD7080 MONTADO ⚠
PCIYUV	158004	PCI YUV SD7080 MONTADA
Tampa Sup. (8)	157032	PARAF ACO TBVW 3X6 ZNA FPH
Tampa Tras. (1)	157083	PARAF ACO TBVW 3X4 ZNA FPH
Tom. YUV (1)	157078	PARAF ACO BP 3X10 ZNA FPH
Tomadas (3)	157069	PARAF ACO BP 3X8 ZNA FPH
PAINEL FRONTAL		
AG301A	156202	PAINEL FRONTAL C/ GRAFISMO
AG301B	156226	TECLA FUNCOES SD7080
AG301C	156211	TECLA POWER/STANDBY SD7080
AG301D	156239	BOTAO VOLUME SD7080
AG301E	156275	SUPORTE METAL PAINEL FRONTAL
AG301G	156266	EMBLEMA SEMP SD7080
PCI C.(7), Sup.(4)	156248	PARAF ACO BB 3X8 ZNA FPH
PCI MIC (2)	156257	PARAF SEMS TB3X8 VW9 ZNA FPH
PCICON	171178	PCI CONTROLE SD7080 MONT (CBU)
PCICON	157979	PCI CONTROLE SD7080 MONT (CKD)
PCIMIC	173452	PCI MIC SD7080 MONTADA (CBU)
PCIMIC	157880	PCI MIC SD7080 MONTADA (CKD)
PCISBY	158013	PCI STBY SD7080 MONT (CKD)

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI FONTE (CBU)		
CA1	173461	CAP CERA 104 M 275V X2 RG150
CA10	173461	CAP CERA 104 M 275V X2 RG150
CA3	173470	CAP ELCO 22R M 400V 105G RG075
CA4	-	CAP CERA 222 K 1KV Y5P RG050
CA5	105282	CAP ELCO 47R M 25V 105G RG025
CA6	163551	CAP ELCO 1R0 M 50V 105G RG025
CA8	156486	CAP CERA 223 K 50V Y5V RG050
CA9	157265	CAP CERA 104 M 50V NP0 RG050
CB10	105282	CAP ELCO 47R M 25V 105G RG025
CB12	157265	CAP CERA 104 M 50V NP0 RG050
CB3	157318	CAP ELCO 101 M 25V 105G RG025
CB4	105282	CAP ELCO 47R M 25V 105G RG025
CB5	127510	CAP ELCO 102 M 10V 105G RG050
CB6	157309	CAP ELCO 221 M 10V 105G RG050
CB7	137729	CAP ELCO 101 M 10V 105G RG025
CB8	137729	CAP ELCO 101 M 10V 105G RG025
CB9	105525	CAP ELCO 221 M 25V 105G RG025
CN1	157519	CONECTOR XH 2P 3.96MM VERT
CN2	-	JUMPER 10.0MM FANTASMA
CN4	173078	CONECTOR XH 9P 2.54MM VERT
CY1	157256	CAP CERA 471 K 400V Y1 RG100 ⚠
CY2	157256	CAP CERA 471 K 400V Y1 RG100 ⚠
CY3	157256	CAP CERA 471 K 400V Y1 RG100 ⚠
DA1	157390	DIODO RET 1N4007 DO41 AT26
DA2	157390	DIODO RET 1N4007 DO41 AT26
DA3	157390	DIODO RET 1N4007 DO41 AT26
DA4	157390	DIODO RET 1N4007 DO41 AT26
DA5	157434	DIODO SCH FR105 DO41 AT26
DA6	157434	DIODO SCH FR105 DO41 AT26
DB2	157434	DIODO SCH FR105 DO41 AT26
DB3	173489	DIODO SCH SR306 DO201 150C
DB4	157434	DIODO SCH FR105 DO41 AT26
DB6	-	JUMPER 15.0MM FANTASMA
DB7	173494	DIODO RET RL201 DO15 101
DB8	173494	DIODO RET RL201 DO15 101
F1	132862	FUSI FILA 1A 250V UL ⚠
JP1	-	JUMPER 12.0MM FANTASMA
JP2	-	JUMPER 10.0MM FANTASMA
JP3	-	JUMPER 10.0MM FANTASMA
LA1	173500	TRAFO FILTRO LINHA UT-20 25MH
LA2	-	BOBINA CHOQ RH3.5x4.7x0.8 AT26
LB1	-	BOBINA CHOQ 10UH K 0.5A RG025
LB2	-	BOBINA CHOQ 10UH K 3.0A RG025
RA1	-	RES CARB 683 J 1,0W 150
RA2	-	RES CARB 434 J 1/4W AT26
RA3	-	RES CARB 434 J 1/4W AT26
RA4	102323	RES CARB 15R J 1/8W AT26
RA5	102323	RES CARB 15R J 1/8W AT26
RA6	-	RES CARB 1R0 J 1,0W 150

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI FONTE (CBU) (cont.)		
RB11	130882	RES CARB 512 J 1/8W AT26
RB12	130882	RES CARB 512 J 1/8W AT26
RB5	-	JUMPER 12.0MM FANTASMA
RB8	157201	RES CARB 471 J 1/8W AT26
RB9	157181	RES CARB 102 J 1/8W AT26
T1	173519	TRAFO FORCA PINF001-L EEL19C ⚠
U1	173528	CIRC INT ICE2A0565AJ DIP8 ⚠
U2	157494	CIRC INT K1010C DIP4 ⚠
U3	157470	CIRC INT TL431ACLP TO92 PACK5 ⚠
ZDA1	-	DIODO ZEN 18V 1/2W DO35 AT26
ZDA3	157403	DIODO ZEN 12V 1/2W DO35 AT26
PCI FONTE (CKD)		
C1	157327	CAP ELCO 15R M 400V 105G RG050
C2	157327	CAP ELCO 15R M 400V 105G RG050
C3	157289	CAP CERA 102 M 1KV Y5V RT050
C4	157265	CAP CERA 104 M 50V Y5V RT050
C6	157318	CAP ELCO 101 M 25V 105G RT050
C7	157332	CAP ELCO 47R M 25V 85G RT050
C8	157298	CAP ELCO 102 M 10V 105G RT050
C9	157309	CAP ELCO 221 M 10V 105G RT050
C10	157318	CAP ELCO 101 M 25V 105G RT050
C11	157265	CAP CERA 104 M 50V Y5V RT050
C12	157332	CAP ELCO 47R M 25V 85G RT050
C13	157309	CAP ELCO 221 M 10V 105G RT050
C14	157318	CAP ELCO 101 M 25V 105G RT050
C16	157270	CAP CERA 102 M 50V Y5V RT050
CN1	157519	CONECTOR XH 2P 3.96MM VERT
CN2	-	JUMPER 7.5MM FANTASMA
CY1	157256	CAP CERA 471 K 400V Y1 RG100 ⚠
D1	157390	DIODO RET 1N4007 DO41 AT26
D2	157390	DIODO RET 1N4007 DO41 AT26
D3	157390	DIODO RET 1N4007 DO41 AT26
D4	157390	DIODO RET 1N4007 DO41 AT26
D5	157390	DIODO RET 1N4007 DO41 AT26
D7	157434	DIODO SCH FR105 DO41 AT26
D8	157425	DIODO SCH SB340 DO201 150C
D9	157434	DIODO SCH FR105 DO41 AT26
D10	157387	DIODO SIN 1N4148 DO34 AT26
F1	157522	FUSI SMT T 1A 250V RT50 ⚠
L1	157363	BOBINA CHOQ 104 K 0.2A RT50
L2	156565	BOBINA NFER RH3.5*4.7*0.8 AT26
L3	157354	BOBINA CHOQ 10R K 2A RT50
L4	157345	BOBINA CHOQ 4R7 K AT26
P101	157504	CONECTOR XH 10P 2.54MM VERT
Q1	157458	TRANS CEP63A3 TO220 L2525
Q2	157461	TRANS 2N5401 TO92 PACK5
Q3	157443	TRANS 2N5551 TO92 PACK5
Q4	157443	TRANS 2N5551 TO92 PACK5
R1	157234	RES CARB 124 J 1,0W 050
R2	157190	RES CARB 101 J 1/8W AT26
R3	157163	RES CARB 10R J 1/8W AT26
R5	157172	RES CARB 103 J 1/8W AT26
R6	157201	RES CARB 471 J 1/8W AT26
R7	157172	RES CARB 103 J 1/8W AT26
R8	157181	RES CARB 102 J 1/8W AT26
R9	157216	RES CARB 202 J 1/8W AT26
R10	157201	RES CARB 471 J 1/8W AT26
R11	157181	RES CARB 102 J 1/8W AT26
R12	157181	RES CARB 102 J 1/8W AT26
R13	157243	RES MPRE 1002 F 1/8W AT26
R14	157243	RES MPRE 1002 F 1/8W AT26
R15	157225	RES CARB 682 J 1/8W AT26
T1	157372	TRAFO FORCA PP1001-A02 ⚠
U1	157489	CIRC INT TNY266PN DIP7 ⚠
U2	157494	CIRC INT K1010C DIP4 ⚠
U3	157470	CIRC INT TL431ACLP TO92 PACK5 !

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI FONTE (CKD) (cont.)		
ZD1	157403	DIODO ZEN 12V 1/2W DO35 AT26
ZD2	157416	DIODO ZEN 30V 1/2W DO35 AT26
PCI PRINCIPAL		
C1	688456	CAP CERA 104 K 25V X7R SMD 1608
C2	156538	CAP ELCO 221 M 16V 105G RG025
C3	105525	CAP ELCO 221 M 25V 105G RG025
C4	105525	CAP ELCO 221 M 25V 105G RG025
C5	688456	CAP CERA 104 K 25V X7R SMD 1608
C6	688456	CAP CERA 104 K 25V X7R SMD 1608
C7	688456	CAP CERA 104 K 25V X7R SMD 1608
C8	156538	CAP ELCO 221 M 16V 105G RG025
C9	688456	CAP CERA 104 K 25V X7R SMD 1608
C10	163575	CAP ELCO 10R M 25V 105G RG025
C11	156538	CAP ELCO 221 M 16V 105G RG025
C12	688456	CAP CERA 104 K 25V X7R SMD 1608
C13	156538	CAP ELCO 221 M 16V 105G RG025
C14	688456	CAP CERA 104 K 25V X7R SMD 1608
C17	156538	CAP ELCO 221 M 16V 105G RG025
C18	688456	CAP CERA 104 K 25V X7R SMD 1608
C19	156538	CAP ELCO 221 M 16V 105G RG025
C20	574122	CAP CERA 391 J 50V NP0 SMD 1608
C21	637699	CAP CERA 222 K 50V X7R SMD 1608
C23	163575	CAP ELCO 10R M 25V 105G RG025
C24	688456	CAP CERA 104 K 25V X7R SMD 1608
C25	688456	CAP CERA 104 K 25V X7R SMD 1608
C26	163236	CAP CERA 103 K 50V X7R SMD 1608
C27	637699	CAP CERA 222 K 50V X7R SMD 1608
C28	688456	CAP CERA 104 K 25V X7R SMD 1608
C29	163575	CAP ELCO 10R M 25V 105G RG025
C31	163085	CAP CERA 20R J 50V NP0 SMD 1608
C32	163575	CAP ELCO 10R M 25V 105G RG025
C33	163575	CAP ELCO 10R M 25V 105G RG025
C34	110314	CAP CERA 152 K 50V X7R SMD 1608
C36	637699	CAP CERA 222 K 50V X7R SMD 1608
C37	110276	CAP CERA 102 K 50V X7R SMD 1608
C39	110276	CAP CERA 102 K 50V X7R SMD 1608
C40	156805	CAP ELCO 101 M 16V 105G RG025
C41	688456	CAP CERA 104 K 25V X7R SMD 1608
C42	-	CAP CERA 682 J 50V X7R SMD 1608
C44	688456	CAP CERA 104 K 25V X7R SMD 1608
C45	578994	CAP CERA 333 K 50V X7R SMD 1608
C46	163374	CAP CERA 473 K 50V X7R SMD 1608
C47	163374	CAP CERA 473 K 50V X7R SMD 1608
C48	688456	CAP CERA 104 K 25V X7R SMD 1608
C49	688456	CAP CERA 104 K 25V X7R SMD 1608
C50	163138	CAP CERA 33R J 50V NP0 SMD 1608
C51	163138	CAP CERA 33R J 50V NP0 SMD 1608
C52	162013	CAP ELCO 47R M 16V 105G RG025
C53	162013	CAP ELCO 47R M 16V 105G RG025
C54	162013	CAP ELCO 47R M 16V 105G RG025
C55	688456	CAP CERA 104 K 25V X7R SMD 1608
C56	688456	CAP CERA 104 K 25V X7R SMD 1608
C57	688456	CAP CERA 104 K 25V X7R SMD 1608
C58	688456	CAP CERA 104 K 25V X7R SMD 1608
C59	163263	CAP CERA 105 K 10V X7R SMD 1608
C60	163263	CAP CERA 105 K 10V X7R SMD 1608
C61	163263	CAP CERA 105 K 10V X7R SMD 1608
C62	688456	CAP CERA 104 K 25V X7R SMD 1608
C63	163263	CAP CERA 105 K 10V X7R SMD 1608
C64	163263	CAP CERA 105 K 10V X7R SMD 1608
C66	156805	CAP ELCO 101 M 16V 105G RG025
C67	144537	CAP CERA 101 K 50V NP0 SMD 1608
C68	688456	CAP CERA 104 K 25V X7R SMD 1608
C69	688456	CAP CERA 104 K 25V X7R SMD 1608
C70	156805	CAP ELCO 101 M 16V 105G RG025
C71	688456	CAP CERA 104 K 25V X7R SMD 1608

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI PRINCIPAL (cont.)		
C73	688456	CAP CERA 104 K 25V X7R SMD 1608
C74	162013	CAP ELCO 47R M 16V 105G RG025
C75	162013	CAP ELCO 47R M 16V 105G RG025
C76	688456	CAP CERA 104 K 25V X7R SMD 1608
C77	688456	CAP CERA 104 K 25V X7R SMD 1608
C78	688456	CAP CERA 104 K 25V X7R SMD 1608
C79	688456	CAP CERA 104 K 25V X7R SMD 1608
C80	688456	CAP CERA 104 K 25V X7R SMD 1608
C81	688456	CAP CERA 104 K 25V X7R SMD 1608
C82	688456	CAP CERA 104 K 25V X7R SMD 1608
C83	688456	CAP CERA 104 K 25V X7R SMD 1608
C84	688456	CAP CERA 104 K 25V X7R SMD 1608
C85	688456	CAP CERA 104 K 25V X7R SMD 1608
C86	688456	CAP CERA 104 K 25V X7R SMD 1608
C87	116591	CAP CERA 331 J 50V NP0 SMD 1608
C88	116591	CAP CERA 331 J 50V NP0 SMD 1608
C89	688456	CAP CERA 104 K 25V X7R SMD 1608
C90	627708	CAP CERA 153 K 50V X7R SMD 1608
C91	688456	CAP CERA 104 K 25V X7R SMD 1608
C92	688456	CAP CERA 104 K 25V X7R SMD 1608
C93	688456	CAP CERA 104 K 25V X7R SMD 1608
C94	162013	CAP ELCO 47R M 16V 105G RG025
C95	688456	CAP CERA 104 K 25V X7R SMD 1608
C96	688456	CAP CERA 104 K 25V X7R SMD 1608
C97	162013	CAP ELCO 47R M 16V 105G RG025
C98	688456	CAP CERA 104 K 25V X7R SMD 1608
C99	157298	CAP ELCO 102 M 10V 105G RG025
C104	156538	CAP ELCO 221 M 16V 105G RG025
C105	688456	CAP CERA 104 K 25V X7R SMD 1608
C106	688456	CAP CERA 104 K 25V X7R SMD 1608
C107	688456	CAP CERA 104 K 25V X7R SMD 1608
C108	688456	CAP CERA 104 K 25V X7R SMD 1608
C109	688456	CAP CERA 104 K 25V X7R SMD 1608
C110	688456	CAP CERA 104 K 25V X7R SMD 1608
C111	688456	CAP CERA 104 K 25V X7R SMD 1608
C112	688456	CAP CERA 104 K 25V X7R SMD 1608
C113	156538	CAP ELCO 221 M 16V 105G RG025
C114	688456	CAP CERA 104 K 25V X7R SMD 1608
C115	688456	CAP CERA 104 K 25V X7R SMD 1608
C116	688456	CAP CERA 104 K 25V X7R SMD 1608
C117	688456	CAP CERA 104 K 25V X7R SMD 1608
C118	688456	CAP CERA 104 K 25V X7R SMD 1608
C119	688456	CAP CERA 104 K 25V X7R SMD 1608
C120	162013	CAP ELCO 47R M 16V 105G RG025
C121	688456	CAP CERA 104 K 25V X7R SMD 1608
C122	162013	CAP ELCO 47R M 16V 105G RG025
C123	688456	CAP CERA 104 K 25V X7R SMD 1608
C124	688456	CAP CERA 104 K 25V X7R SMD 1608
C125	688456	CAP CERA 104 K 25V X7R SMD 1608
C126	688456	CAP CERA 104 K 25V X7R SMD 1608
C127	110427	CAP CERA 471 K 50V X7R SMD 1608
C129	110427	CAP CERA 471 K 50V X7R SMD 1608
C131	110427	CAP CERA 471 K 50V X7R SMD 1608
C132	110427	CAP CERA 471 K 50V X7R SMD 1608
C133	110445	CAP CERA 47R J 50V NP0 SMD 1608
C134	110445	CAP CERA 47R J 50V NP0 SMD 1608
C141	110445	CAP CERA 47R J 50V NP0 SMD 1608
C142	110445	CAP CERA 47R J 50V NP0 SMD 1608
C143	162013	CAP ELCO 47R M 16V 105G RG025
C144	688456	CAP CERA 104 K 25V X7R SMD 1608
C149	110445	CAP CERA 47R J 50V NP0 SMD 1608
C150	110445	CAP CERA 47R J 50V NP0 SMD 1608
C153	688456	CAP CERA 104 K 25V X7R SMD 1608
C154	163575	CAP ELCO 10R M 25V 105G RG025
C155	688456	CAP CERA 104 K 25V X7R SMD 1608
C156	-	CAP CERA 27R K 50V NP0 SMD 1608

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI PRINCIPAL (cont.)		
C157	163138	CAP CERA 33R J 50V NP0 SMD 1608
C160	163575	CAP ELCO 10R M 25V 105G RG025
C161	163575	CAP ELCO 10R M 25V 105G RG025
C162	110276	CAP CERA 102 K 50V X7R SMD 1608
C163	163085	CAP CERA 20R J 50V NP0 SMD 1608
C166	163138	CAP CERA 33R J 50V NP0 SMD 1608
C167	163575	CAP ELCO 10R M 25V 105G RG025
C168	163575	CAP ELCO 10R M 25V 105G RG025
C169	110276	CAP CERA 102 K 50V X7R SMD 1608
C170	163085	CAP CERA 20R J 50V NP0 SMD 1608
C185	156805	CAP ELCO 101 M 16V 105G RG025
C186	688456	CAP CERA 104 K 25V X7R SMD 1608
C187	688456	CAP CERA 104 K 25V X7R SMD 1608
C188	688456	CAP CERA 104 K 25V X7R SMD 1608
C192	688456	CAP CERA 104 K 25V X7R SMD 1608
C193	688456	CAP CERA 104 K 25V X7R SMD 1608
C194	688456	CAP CERA 104 K 25V X7R SMD 1608
C202	688456	CAP CERA 104 K 25V X7R SMD 1608
C205	164818	CAP ELCO 471 M 25V 105G RG025
C206	105525	CAP ELCO 221 M 25V 105G RG025
C207	110276	CAP CERA 102 K 50V X7R SMD 1608
C208	110276	CAP CERA 102 K 50V X7R SMD 1608
C209	144537	CAP CERA 101 K 50V NP0 SMD 1608
C210	688456	CAP CERA 104 K 25V X7R SMD 1608
C211	688456	CAP CERA 104 K 25V X7R SMD 1608
C230	144537	CAP CERA 101 K 50V NP0 SMD 1608
C231	163575	CAP ELCO 10R M 25V 105G RG025
C232	110365	CAP CERA 22R J 50V NP0 SMD 1608
C237	163575	CAP ELCO 10R M 25V 105G RG025
C238	163575	CAP ELCO 10R M 25V 105G RG025
C242	110445	CAP CERA 47R J 50V NP0 SMD 1608
C243	110445	CAP CERA 47R J 50V NP0 SMD 1608
C248	110445	CAP CERA 47R J 50V NP0 SMD 1608
C249	110445	CAP CERA 47R J 50V NP0 SMD 1608
CN1	157504	CONECTOR XH 10P 2.54MM VERT (CKD)
CN1	173078	CONECTOR XH 9P 2.54MM VERT (CBU)
CN3	173087	CONECTOR XH 11P 2.0MM VERT
CN4	173092	CONECTOR XH 6P 2.54MM VERT (CBU)
CN4	173109	CONECTOR XH 8P 2.0MM VERT (CKD)
CN5	173112	CONECTOR FPC 24P 0.5MM VERT
CN7	173121	CONECTOR XH 6P 2.0MM VERT
CN9	173130	CONECTOR XH 4P 2.54MM VERT
CP1	173145	TOMADA S-VIDEO DSW-007
CP3	173158	TOMADA 4P AV4-8.4-13D
CP4	173172	TOMADA OPTICA AT-TS (CKD)
CP4	173163	TOMADA OPTICA TX179AFT (CBU)
D1	152206	DIODO RET 1N4001 DO41 AT26
D3	666461	DIODO SIN 1N4148 DO35 MELF
D5	666461	DIODO SIN 1N4148 DO35 MELF
D7	666461	DIODO SIN 1N4148 DO35 MELF
D9	666461	DIODO SIN 1N4148 DO35 MELF
D11	666461	DIODO SIN 1N4148 DO35 MELF
D12	666461	DIODO SIN 1N4148 DO35 MELF
D13	666461	DIODO SIN 1N4148 DO35 MELF
D14	666461	DIODO SIN 1N4148 DO35 MELF
D15	666461	DIODO SIN 1N4148 DO35 MELF
D16	666461	DIODO SIN 1N4148 DO35 MELF
D17	666461	DIODO SIN 1N4148 DO35 MELF
D18	666461	DIODO SIN 1N4148 DO35 MELF
D19	666461	DIODO SIN 1N4148 DO35 MELF
D21	666461	DIODO SIN 1N4148 DO35 MELF
D22	666461	DIODO SIN 1N4148 DO35 MELF
D23	666461	DIODO SIN 1N4148 DO35 MELF
D24	666461	DIODO SIN 1N4148 DO35 MELF
L1	173181	BOBINA CHOQ PZ2012U601-2ROT
L2	173181	BOBINA CHOQ PZ2012U601-2ROT

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI PRINCIPAL (cont.)		
L3	173181	BOBINA CHOQ PZ2012U601-2ROT
L4	173181	BOBINA CHOQ PZ2012U601-2ROT
L5	173181	BOBINA CHOQ PZ2012U601-2ROT
L6	173181	BOBINA CHOQ PZ2012U601-2ROT
L8	173181	BOBINA CHOQ PZ2012U601-2ROT
L9	173181	BOBINA CHOQ PZ2012U601-2ROT
L11	173181	BOBINA CHOQ PZ2012U601-2ROT
L12	173181	BOBINA CHOQ PZ2012U601-2ROT
L13	173181	BOBINA CHOQ PZ2012U601-2ROT
L14	173207	BOBINA CHOQ SDFL2012Q2R7KT
L15	173210	BOBINA CHOQ 330UH K 100
L16	173181	BOBINA CHOQ PZ2012U601-2ROT
L17	173181	BOBINA CHOQ PZ2012U601-2ROT
L18	173225	BOBINA CHOQ SDFL2012S100KT
L19	173225	BOBINA CHOQ SDFL2012S100KT
L21	173190	BOBINA CHOQ SDFL2012Q1R8KT
L26	173181	BOBINA CHOQ PZ2012U601-2ROT
L27	173181	BOBINA CHOQ PZ2012U601-2ROT
L28	173181	BOBINA CHOQ PZ2012U601-2ROT
L29	173181	BOBINA CHOQ PZ2012U601-2ROT
L31	173190	BOBINA CHOQ SDFL2012Q1R8KT
L32	173181	BOBINA CHOQ PZ2012U601-2ROT
L35	173190	BOBINA CHOQ SDFL2012Q1R8KT
L36	173190	BOBINA CHOQ SDFL2012Q1R8KT
L37	173190	BOBINA CHOQ SDFL2012Q1R8KT
L38	173181	BOBINA CHOQ PZ2012U601-2ROT
L39	173181	BOBINA CHOQ PZ2012U601-2ROT
L44	173181	BOBINA CHOQ PZ2012U601-2ROT
L45	173181	BOBINA CHOQ PZ2012U601-2ROT
L46	173181	BOBINA CHOQ PZ2012U601-2ROT
Q1	173247	TRANS 2N3904 SOT23 08180
Q2	173256	TRANS 2SK3018 SOT23 08180
Q3	173256	TRANS 2SK3018 SOT23 08180
Q4	173274	TRANS SS8550 SOT23 08180
Q5	173274	TRANS SS8550 SOT23 08180
Q6	173289	TRANS S8550 TO92 PACK5
Q7	173289	TRANS S8550 TO92 PACK5 (CKD)
Q11	173238	TRANS 2N3906 SOT23 08180
Q14	173238	TRANS 2N3906 SOT23 08180
Q16	173238	TRANS 2N3906 SOT23 08180
Q17	173238	TRANS 2N3906 SOT23 08180
Q18	173247	TRANS 2N3904 SOT23 08180
Q19	173247	TRANS 2N3904 SOT23 08180
Q22	173238	TRANS 2N3906 SOT23 08180
Q23	173238	TRANS 2N3906 SOT23 08180
Q28	173261	TRANS SS8050 SOT23 08180
Q29	173261	TRANS SS8050 SOT23 08180
Q31	173274	TRANS SS8550 SOT23 08180
Q32	173238	TRANS 2N3906 SOT23 08180
Q33	173238	TRANS 2N3906 SOT23 08180
Q35	173247	TRANS 2N3904 SOT23 08180
Q38	173238	TRANS 2N3906 SOT23 08180
Q39	173238	TRANS 2N3906 SOT23 08180
R1	574596	RES META 103 J 1/16W SMD 1608
R2	-	RES MPRE 4422 F 1/16W SMD 1608
R3	574961	RES META 822 J 1/16W SMD 1608
R4	594681	RES META 0R0 J 1/16W SMD 1608
R5	658381	RES META 754 J 1/16W SMD 1608
R6	576629	RES META 684 J 1/16W SMD 1608
R7	594681	RES META 0R0 J 1/16W SMD 1608
R8	574603	RES META 104 J 1/16W SMD 1608
R9	584816	RES META 154 J 1/16W SMD 1608
R10	584816	RES META 154 J 1/16W SMD 1608
R11	576629	RES META 684 J 1/16W SMD 1608
R12	574667	RES META 153 J 1/16W SMD 1608
R13	-	RES META 6R8 J 1/16W SMD 1608

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI PRINCIPAL (cont.)		
R15	594681	RES META 0R0 J 1/16W SMD 1608
R16	594681	RES META 0R0 J 1/16W SMD 1608
R17	574603	RES META 104 J 1/16W SMD 1608
R19	699140	RES META 1R0 J 1/16W SMD 1608
R20	620643	RES META 122 J 1/16W SMD 1608
R21	574596	RES META 103 J 1/16W SMD 1608
R22	574881	RES META 472 J 1/16W SMD 1608
R24	594681	RES META 0R0 J 1/16W SMD 1608
R25	594681	RES META 0R0 J 1/16W SMD 1608
R26	594681	RES META 0R0 J 1/16W SMD 1608
R27	551879	RES META 10R J 1/16W SMD 1608
R28	574541	RES META 102 J 1/16W SMD 1608
R29	594681	RES META 0R0 J 1/16W SMD 1608 (CKD)
R30	574550	RES META 123 J 1/16W SMD 1608 (CKD)
R32	594681	RES META 0R0 J 1/16W SMD 1608
R33	594681	RES META 0R0 J 1/16W SMD 1608
R34	594681	RES META 0R0 J 1/16W SMD 1608
R37	594681	RES META 0R0 J 1/16W SMD 1608
R38	122067	RES META 4R7 J 1/16W SMD 1608
R39	122067	RES META 4R7 J 1/16W SMD 1608
R40	574596	RES META 103 J 1/16W SMD 1608
R41	699140	RES META 1R0 J 1/16W SMD 1608
R42	699140	RES META 1R0 J 1/16W SMD 1608
R43	699140	RES META 1R0 J 1/16W SMD 1608
R44	699140	RES META 1R0 J 1/16W SMD 1608
R45	574836	RES META 333 J 1/16W SMD 1608
R46	574818	RES META 303 J 1/16W SMD 1608
R47	574701	RES META 183 J 1/16W SMD 1608
R48	574729	RES META 203 J 1/16W SMD 1608
R50	594681	RES META 0R0 J 1/16W SMD 1608
R51	574729	RES META 203 J 1/16W SMD 1608 (CKD)
R52	173327	RES CARB 3R3 J 1,0W 100 (CKD)
R53	594681	RES META 0R0 J 1/16W SMD 1608
R54	574596	RES META 103 J 1/16W SMD 1608
R56	574596	RES META 103 J 1/16W SMD 1608
R57	594681	RES META 0R0 J 1/16W SMD 1608
R58	594681	RES META 0R0 J 1/16W SMD 1608
R59	574596	RES META 103 J 1/16W SMD 1608
R61	594681	RES META 0R0 J 1/16W SMD 1608
R62	574596	RES META 103 J 1/16W SMD 1608
R63	574596	RES META 103 J 1/16W SMD 1608
R64	574596	RES META 103 J 1/16W SMD 1608
R65	574596	RES META 103 J 1/16W SMD 1608
R66	574596	RES META 103 J 1/16W SMD 1608
R67	125549	RES META 912 J 1/16W SMD 1608
R68	125549	RES META 912 J 1/16W SMD 1608
R71	592237	RES META 33R J 1/16W SMD 1608
R72	592237	RES META 33R J 1/16W SMD 1608
R73	592237	RES META 33R J 1/16W SMD 1608
R74	592237	RES META 33R J 1/16W SMD 1608
R75	574596	RES META 103 J 1/16W SMD 1608
R77	575005	RES META 681 J 1/16W SMD 1608
R78	575005	RES META 681 J 1/16W SMD 1608
R79	574596	RES META 103 J 1/16W SMD 1608
R80	579323	RES META 56R J 1/16W SMD 1608
R81	594681	RES META 0R0 J 1/16W SMD 1608
R82	-	RES META 161 J 1/16W SMD 1608
R85	579323	RES META 56R J 1/16W SMD 1608
R86	574649	RES META 151 J 1/16W SMD 1608
R89	-	RES META 161 J 1/16W SMD 1608
R92	-	RES META 161 J 1/16W SMD 1608
R94	574649	RES META 151 J 1/16W SMD 1608
R97	574649	RES META 151 J 1/16W SMD 1608
R100	-	RES META 161 J 1/16W SMD 1608
R102	-	RES META 161 J 1/16W SMD 1608
R104	-	RES META 161 J 1/16W SMD 1608

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI PRINCIPAL (cont.)		
R107	579323	RES META 56R J 1/16W SMD 1608
R108	574649	RES META 151 J 1/16W SMD 1608
R109	-	RES META 161 J 1/16W SMD 1608
R111	-	RES META 161 J 1/16W SMD 1608
R113	178448	RES META 101 J 1/16W SMD 1608
R114	576558	RES META 75R J 1/16W SMD 1608
R115	552048	RES META 111 J 1/16W SMD 1608
R116	178420	RES META 22R J 1/16W SMD 1608
R117	178420	RES META 22R J 1/16W SMD 1608
R118	153032	RES META 133 J 1/16W SMD 1608
R120	574667	RES META 153 J 1/16W SMD 1608
R121	574747	RES META 221 J 1/16W SMD 1608
R122	594681	RES META 0R0 J 1/16W SMD 1608
R123	574541	RES META 102 J 1/16W SMD 1608
R124	575023	RES META 184 J 1/16W SMD 1608
R125	574603	RES META 104 J 1/16W SMD 1608
R126	574541	RES META 102 J 1/16W SMD 1608
R128	153032	RES META 133 J 1/16W SMD 1608
R129	574667	RES META 153 J 1/16W SMD 1608
R131	594681	RES META 0R0 J 1/16W SMD 1608
R132	574541	RES META 102 J 1/16W SMD 1608
R133	575023	RES META 184 J 1/16W SMD 1608
R134	574603	RES META 104 J 1/16W SMD 1608
R135	574541	RES META 102 J 1/16W SMD 1608
R160	574596	RES META 103 J 1/16W SMD 1608
R161	574881	RES META 472 J 1/16W SMD 1608
R162	574603	RES META 104 J 1/16W SMD 1608
R167	574596	RES META 103 J 1/16W SMD 1608
R171	574603	RES META 104 J 1/16W SMD 1608
R175	574925	RES META 682 J 1/16W SMD 1608
R177	574756	RES META 222 J 1/16W SMD 1608
R181	574756	RES META 222 J 1/16W SMD 1608
R182	576558	RES META 75R J 1/16W SMD 1608
R183	574756	RES META 222 J 1/16W SMD 1608
R184	574756	RES META 222 J 1/16W SMD 1608
R185	574756	RES META 222 J 1/16W SMD 1608
R187	574881	RES META 472 J 1/16W SMD 1608
R188	574756	RES META 222 J 1/16W SMD 1608
R189	576558	RES META 75R J 1/16W SMD 1608
R190	551879	RES META 10R J 1/16W SMD 1608
R191	574603	RES META 104 J 1/16W SMD 1608
R192	574881	RES META 472 J 1/16W SMD 1608
R193	574541	RES META 102 J 1/16W SMD 1608
R194	574881	RES META 472 J 1/16W SMD 1608
R196	574541	RES META 102 J 1/16W SMD 1608
R197	574603	RES META 104 J 1/16W SMD 1608
R198	574603	RES META 104 J 1/16W SMD 1608
R206	579323	RES META 56R J 1/16W SMD 1608
R207	579323	RES META 56R J 1/16W SMD 1608
R208	579323	RES META 56R J 1/16W SMD 1608
R223	575041	RES META 332 J 1/16W SMD 1608
R224	575041	RES META 332 J 1/16W SMD 1608
R225	574596	RES META 103 J 1/16W SMD 1608
R226	574596	RES META 103 J 1/16W SMD 1608
R227	574596	RES META 103 J 1/16W SMD 1608
R228	574596	RES META 103 J 1/16W SMD 1608
R229	574603	RES META 104 J 1/16W SMD 1608
R230	574596	RES META 103 J 1/16W SMD 1608
R231	574596	RES META 103 J 1/16W SMD 1608
R232	574603	RES META 104 J 1/16W SMD 1608
R241	-	RES META 161 J 1/16W SMD 1608
R242	-	RES META 161 J 1/16W SMD 1608
R246	-	RES META 161 J 1/16W SMD 1608
R247	-	RES META 161 J 1/16W SMD 1608
R248	574747	RES META 221 J 1/16W SMD 1608
RN1	173292	RES ARRA 33R J 1/16W 1608SMD

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI PRINCIPAL (cont.)		
U2	173345	CIRC INT MT1389QE LQFP216
U3	173354	CIRC INT AM5888S HSOP28
U4	173363	CIRC INT EM636165TS-7G TSOP50 (CBU)
U5	173363	CIRC INT EM636165TS-7G TSOP50 (CBU)
U6	173378	CIRC INT PT480416TG-7O TSOP54 (CKD)
U7	173387	CIRC INT ES29LV800DB-70TG
U9	173396	CIRC INT AT24C16AN-10S1 SOP8 (CKD)
U9	173407	CIRC INT AT24C16AN-10SU SOP8 (CBU)
U11	173336	CIRC INT F4558S SOP8
U17	173336	CIRC INT F4558S SOP8
Y1	173412	CRISTAL 27MHZ 27P HC-49/S
PCI CONTROLES		
C1	156792	CAP CERA 104 Z 50V Y5V RT050
C3	156459	CAP CERA 101 K 50V Y5V RT050
C4	156459	CAP CERA 101 K 50V Y5V RT050
C5	156459	CAP CERA 101 K 50V Y5V RT050
CN4/CON2	172707	CABO FLEXIVEL 2VIAS L=120MM (CBU)
CN4/CON2	156850	CABO FLEXIVEL 2VIAS L=120MM (CKD)
CON1	173425	CABO FLEX 6VIAS L=450MM (CBU)
CON1	156869	CONECTOR CABO 8VIAS L=430MM (CKD)
CON1A	156845	ANEL FERRITE 22.5X13.8ALT6.4MM
EC1	156805	CAP ELCO 101 M 16V 105G RT050
EC2	156805	CAP ELCO 101 M 16V 105G RT050
IR	156890	ESPACADOR C/ ADESIVO 8X7X4MM
IR	156872	RECEPTOR REMOTO PIC-317LM
JMP1	-	JUMPER 6.0MM FANTASMA (CBU)
JMP2	-	JUMPER 6.0MM FANTASMA (CBU)
JMP3	-	JUMPER 6.0MM FANTASMA (CBU)
LED	156881	ESPACADOR C/ ADESIVO 40X4X4MM
R2	156774	RES CARB 513 J 1/6W AT26
R3	156306	RES CARB 103 J 1/6W AT26
R4	156306	RES CARB 103 J 1/6W AT26
R5	156306	RES CARB 103 J 1/6W AT26
R6	156306	RES CARB 103 J 1/6W AT26
R7	156783	RES CARB 101 J 1/6W AT26
R8	156306	RES CARB 103 J 1/6W AT26
SW1	156836	CHAVE TACT KFC-6-6-5 H-2 12V
SW2	156836	CHAVE TACT KFC-6-6-5 H-2 12V
SW3	156836	CHAVE TACT KFC-6-6-5 H-2 12V
SW4	156836	CHAVE TACT KFC-6-6-5 H-2 12V
SW5	156836	CHAVE TACT KFC-6-6-5 H-2 12V
SW6	156836	CHAVE TACT KFC-6-6-5 H-2 12V
SW7	156836	CHAVE TACT KFC-6-6-5 H-2 12V
U1	156818	CIRC INT W6928 SOP28
U2	156823	DISPLAY LED MR-6659
PCI MIC		
C1	156550	CAP ELCO 22R M 25V 105G RT050
C2	156514	CAP ELCO 101 M 16V 105G RT050
C3	156550	CAP ELCO 22R M 25V 105G RT050
C4	156435	CAP CERA 104 K 50V Y5V RT050
C5	156435	CAP CERA 104 K 50V Y5V RT050
C6	156477	CAP CERA 222 K 50V Y5V RT050
C7	156477	CAP CERA 222 K 50V Y5V RT050
C8	156495	CAP CERA 563 K 50V Y5V RT050
C9	156495	CAP CERA 563 K 50V Y5V RT050
C10	156435	CAP CERA 104 K 50V Y5V RT050
C11	156538	CAP ELCO 221 M 16V 105G RT050
C12	156486	CAP CERA 223 K 50V Y5V RT050
C13	156486	CAP CERA 223 K 50V Y5V RT050
C14	156468	CAP CERA 103 K 50V Y5V RT050
C15	156529	CAP ELCO 3R3 M 50V 105G RT050
C16	156547	CAP ELCO 10R M 50V 105G RT050
C17	156547	CAP ELCO 10R M 50V 105G RT050
C18	156550	CAP ELCO 22R M 25V 105G RT050
C19	156501	CAP ELCO 4R7 M 50V 105G RT050

POSIÇÃO	N.E.	DESCRIÇÃO PLANO EDP
PCI MIC (cont.)		
C20	156501	CAP ELCO 4R7 M 50V 105G RT050
C21	156547	CAP ELCO 10R M 50V 105G RT050
C22	156514	CAP ELCO 101 M 16V 105G RT050
C23	156435	CAP CERA 104 K 50V Y5V RT050
C24	156459	CAP CERA 101 K 50V Y5V RT050
C25	156459	CAP CERA 101 K 50V Y5V RT050
C26	156547	CAP ELCO 10R M 50V 105G RT050
C27	156444	CAP CERA 102 K 50V Y5V RT050
C28	156444	CAP CERA 102 K 50V Y5V RT050
C29	156501	CAP ELCO 4R7 M 50V 105G RT050
C30	156501	CAP ELCO 4R7 M 50V 105G RT050
CN1	156649	CONECTOR CABO BLIND3P 600MM
CN1A	156621	ANEL DE FERRITE 16X12X8MM
D1	156578	DIODO ZEN 5.6V 1/2W DO35 AT26
J1	-	JUMPER 5.0MM FANTASMA
J2	-	JUMPER 5.0MM FANTASMA (CBU)
L1	156565	BOBINA NFER RH3.5*4.7*0.8 AT26
MIC1	156630	CONECTOR MIC 7P SILVER
Q1	156583	TRANS C1815 TO92 PACK5
Q2	156583	TRANS C1815 TO92 PACK5
Q3	156592	TRANS 2SA1015 TO92 PACK5
R1	156388	RES CARB 333 J 1/6W AT26
R2	156293	RES CARB 472 J 1/6W AT26
R3	156328	RES CARB 152 J 1/6W AT26
R4	156379	RES CARB 682 J 1/6W AT26
R5	156306	RES CARB 103 J 1/6W AT26
R6	156404	RES CARB 243 J 1/6W AT26
R7	156306	RES CARB 103 J 1/6W AT26
R8	156379	RES CARB 682 J 1/6W AT26
R9	156364	RES CARB 33R J 1/6W AT26
R10	156306	RES CARB 103 J 1/6W AT26
R11	156333	RES CARB 153 J 1/6W AT26
R12	156342	RES CARB 473 J 1/6W AT26
R13	156280	RES CARB 102 J 1/6W AT26
R14	156342	RES CARB 473 J 1/6W AT26
R15	156306	RES CARB 103 J 1/6W AT26
R17	156397	RES CARB 222 J 1/8W AT26
R18	156319	RES CARB 123 J 1/6W AT26
R19	156306	RES CARB 103 J 1/6W AT26
R20	156351	RES CARB 104 J 1/6W AT26
R21	156280	RES CARB 102 J 1/6W AT26
R22	156306	RES CARB 103 J 1/6W AT26
R23	156306	RES CARB 103 J 1/6W AT26
R24	156351	RES CARB 104 J 1/6W AT26
R25	156413	RES CARB 393 J 1/6W AT26
R26	156280	RES CARB 102 J 1/6W AT26
R27	156280	RES CARB 102 J 1/6W AT26
R28	156306	RES CARB 103 J 1/6W AT26
R29	156306	RES CARB 103 J 1/6W AT26
U1	156603	CIRC INT TP5299P DIP16
U2	156612	CIRC INT F4558N DIP8
VR1	156422	POT R0903NE-F20-C20K 3P
PCI YUV		
C1	156164	CAP ELCO 471 M 10V 105G RT050
C2	156164	CAP ELCO 471 M 10V 105G RT050
C3	156164	CAP ELCO 471 M 10V 105G RT050
CN1	156195	CONECTOR 6VIAS CABO 5VIAS 60MM
RCA1	156182	TOMADA RCA AV3-8.4-10D-F 2,6MM

SEMP TOSHIBA

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